

APPENDIX B

SAN JOAQUIN VALLEY 2015 PM2.5 SIP

Additional Emission Reductions Achieved Towards Meeting Aggregate Commitment

I. ARB Reductions

A. State-funded Incentive-based Emission Reduction Measures.

At its board hearing in October 2014, ARB approved the *Report on Reductions Achieved from Incentive-Based Emission Reduction Measures in the San Joaquin Valley* as the mechanism to allow California to receive SIP credit for specific reductions achieved through the Proposition 1B and Moyer incentive programs. These incentives provide additional reductions of 7.8 tons per day (tpd) of NOx and 0.2 tpd of PM2.5 in 2014 and are being credited toward the State's aggregate commitment. This report was submitted to U.S. EPA on November 17, 2014. Information regarding this ARB Board item is available at <http://www.arb.ca.gov/planning/sip/sjvpm25/sjvpm25.htm>.

B. Actual Compliance with Truck and Bus Rule.

ARB's in-use diesel fueled truck and bus regulation requires trucks and buses to install diesel particulate filters starting January 1, 2012 and to upgrade to 2010 model year or newer engines starting January 1, 2015. When ARB adopted the rule staff's emission reduction calculations were based on preliminary PM2.5 diesel particulate filter (DPF) efficiencies and assumed that owners of trucks with pre-2007 engines would retrofit those trucks rather than purchase new trucks. Based on current compliance reporting, staff have found that the DPFs are more efficient than original estimates and many owners of pre-2007 trucks opted to purchase new vehicles rather than retrofit. The original, 2008 SJV PM2.5 Plan baseline, baseline with rule, and net rule benefit emissions estimates are provided in Table B-1 below as annual average emission estimates in tpd in 2014. These estimates utilized the latest draft version of EMFAC2011 that was available at the time.

Table B-1.

SIP, Draft EMFAC2011 (Original Estimates Submitted to USEPA)					
w/rule		Baseline		Benefit	
NOx	PM2.5 Ex	NOx	PM2.5 Ex	NOx	PM2.5 Ex
110.6	1.97	111.8	3.69	1.19	1.73

For the original analysis of rule benefits in Table B-1, staff assumed that the only compliance option that would be chosen by owners of trucks with pre-2007 engines to comply with the PM requirement of the rules would be to retrofit their trucks with aftermarket DPFs. However, since the time of the original analysis, based on reported data, staff have found that owners of trucks with pre-2007 engines selected a different compliance path. More owners than expected opted to turn-over their older trucks and purchase newer ones – which are cleaner than retrofits -- rather than installing retrofit DPFs. Thus, the actual compliance paths that have been selected by truck owners

have resulted in a cleaner than expected fleet and, therefore, additional benefits beyond what was originally estimated.

To estimate the additional emission benefits caused by the higher than expected turn-over to newer, cleaner trucks, staff reviewed the latest available statewide data on the number of trucks with retrofits contained in ARB’s TRUCRS database, estimated the fraction of expected turn-over to 2007 or 2010 engines for the remaining trucks, then re-ran EMFAC2011 to estimate the updated rule benefits.

Statewide, approximately 86,000 retrofits of California-plated trucks in calendar year 2014 were assumed in the original EMFAC2011 estimate. As of January 2014, 16,000 retrofits were reported in ARB’s TRUCRS database. For this analysis, the remaining trucks were assumed to be turned over to trucks having either 2007 or 2010 engines. Of the remaining 70,000 trucks that are not retrofitted, staff assumed that half (or 35,000) complied by turning over to trucks with 2007 standard engines while the other half turned over to trucks having 2010 standard engines. This 50/50 turn-over assumption is conservative; and is supported by reporting from truckers, who have indicated that purchase of a 2010 engine is a better business decision for trucks that will be kept long-term. This is supported by data that shows that there are a greater number of trucks with 2010-2013 engines available on the market, and trucks with 2010 or newer engines achieve better fuel economy.

The statewide turn-over rates determined above are applied to the latest available truck populations. In the San Joaquin Valley, data show 11,800 California plated T7 trucks, 5,000 T6 trucks, and 2,600 out-of-state T7 trucks. Since T6 trucks have smaller engines and emit less, staff assumed that the population of T6 trucks is equivalent to a 0.6 fraction of the T7 truck population (i.e. 40% are ‘all other buses’) consistent with EMFAC2011. With these assumptions, the California plated “T7 equivalent” truck population in the San Joaquin Valley is estimated to be 14,800 trucks and the total (including both California and out-of-state) “T7 equivalent” population is 17,400 trucks. Table B-2 below summarizes applying the statewide ratios to these Valley totals, which yields 6,023 California plated trucks and 7,081 total trucks in the San Joaquin Valley for both the 2007 and 2010 standards.

Table B-2.

		San Joaquin Valley Truck Engine Population	
Turnover to	Fraction	CA plated only, 14,800	All, 17,400
2007	0.407	6,023	7,081
2010	0.407	6,023	7,081

Table B-3 provides a summary of the emission factors that are used in the update. Based on recent studies that show 2007 and 2010 original equipment manufacturer (OEM) DPFs to have greater PM2.5 control efficiency than previously anticipated¹, the

¹ *Effect of Advanced After-treatment for PM and NOx Control on Heavy-Duty Diesel Truck Emissions.* Jorn Dinh Herner, Shaohua Hu, William H. Robertson, Tao Huai, John F. Collins, Harry Dwyer, and Alberto Ayala. Environmental Science & Technology 200943 (15), 5928-5933. DOI: 10.1021/es9008294

table assumes a 95% OEM DPF effectiveness instead of the originally anticipated 90% OEM DPF effectiveness.

Table B-3. Truck Emission Factors

	EF, g/mile	
	PM2.5	NOx
Pre-2007 fleet avg T7, retrofit	0.0962	15.77
2006, T7 Tractor, retrofit	0.0980	11.73
2007 T7 Tractor, 95% DPF	0.0454	7.74
2010 T7 Tractor, 95% DPF	0.0454	2.46

EMFAC2011 was then used to calculate the additional pollutant benefits in Table B-4 using the vehicle populations and emission factors discussed above. The tabulated benefits are over and above the originally-calculated benefits that are provided in Table B-1. The analysis assumes that the turned-over trucks are all trucks with 2006 model year engines containing retrofit DPFs. Table B-4 provides the emission reductions in 2014 that are being credited toward the State’s aggregate commitment

Table B-4. 2014 Emission Estimates

	2006 MY Turn-over
	CA plated
NOx	11.5
PM2.5	0.1

C. 2012 PERP and Portable Engine ATCM.

The ARB Portable Equipment Registration Program (PERP) provides an important voluntary mechanism to allow owners and operators of portable engines and equipment to operate at various locations throughout the State without obtaining individual operating permits in each local air district in which the unit may be operated. The Board originally approved the PERP Regulation in 1997. In 2004, ARB also established requirements for portable diesel-fired engines under the Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Devices (Portable Engine ATCM) to ensure adequate control of air toxics emissions including diesel PM, for operation of such engines under PERP. The Portable Engine ATCM requires portable diesel-fueled engines that have not been permitted or registered prior to January 1, 2006, to meet the most stringent of the federal or California emission standards for nonroad engines in effect at the time of registration or permit. These two programs reduce emissions by requiring the removal of uncertified engines from the registered fleet.

Amendments to both the Statewide PERP Regulation and Portable Engine ATCM were approved by the Board in 2010. The 2010 staff report for these amendments included the emission impact of both rules in 2010 and following years. The expected emission

reductions realized by both rules were 25.2 tons per day of NOx and 1.9 tons per day of diesel PM statewide beginning in 2011. The State submitted the PERP Regulation and Portable Engine ATCM in 2012. The 2008 PM2.5 Plan did not account for the emission reductions from these programs.

To reflect the portion of these emission reductions that occur in the Valley, staff apportioned the emission reductions to reflect the portion of the Statewide equipment that operate in the San Joaquin Valley. Due to the natural turnover of portable equipment and engines between 2011 and 2014, the emission reductions were scaled to reflect 2014 emissions. Table B-5 provides the emission reductions from the PERP and Portable Diesel Engine ATCM that are being credited toward the State’s aggregate commitment. Information related to the emission reductions are documented in the 2010 staff report regarding these ARB programs and can be found at <http://www.arb.ca.gov/portable/portable.htm> and <http://www.arb.ca.gov/regact/2010/perp2010/perpisor.pdf>.

Table B-5.

2014 SJV PERP and Portable Diesel Engine ATCM Emission Reductions		
2010 Statewide PERP and ATCM Emission Reductions ¹	NOx	PM2.5
	25.2	1.9
2014 SJV Portion of Off-Road Equipment	12%	11%
Discounted for Natural Turnover from 2010 to 2014	80%	75%
2014 SJV PERP and ATCM Emission Reductions	2.5	0.2

¹Numbers may not add up due to rounding

II. District Reductions

A. Voluntary Woodstove Replacement Program

The District has a comprehensive incentive program to provide funding for residents residing in the District to replace less efficient woodstoves with more efficient stoves or gas burning devices. Table B-6 is the project list of woodstove replacements in place as of December 31, 2013 providing emission reductions during the entire 2014 calendar year.

Table B-6. SJV 2014 Woodstove Replacement Projects From ISR Incentive Funding

Old Device	New Device			Grand Total
	Certified Wood Device	Certified Pellet Device	Gas Device	
Open Hearth Fireplace	49	75	2870	2994
Non-certified Wood Device	43	28	342	413
Non-certified Pellet Device	0	2	46	48
Certified Wood Device	0	8	121	129
Certified Pellet Device	0	0	28	28
Grand Total	92	113	3407	3612

The woodstove replacement resulted in the emission reductions in Table B-7 that are being credited towards the State’s aggregate emission reduction commitment. The detailed methodology to estimate these emission reductions is provided in Appendix B-1.

Table B-7. SJV 2014 Woodstove Replacement Emission Reductions

Replaced Devices	NOx	PM2.5
Open Hearth Fireplace	0.0040	0.05
Non-Certified Wood	-0.0008	0.05
Non-Certified Pellet	0.0000	0.00
Certified Wood Device	-0.0012	0.01
Certified Pellet	-0.0001	0.00
Total	0.0019	0.10

B. Rule 9510 Indirect Source Review On-Site Compliance

The District through its Rule 9510, Indirect Source Review, requires construction and development projects to mitigate on-site emissions or pay a fee to mitigate those projects. When U.S. EPA approved Rule 9510 (76 FR 26609), they did not credit emission reductions since U.S. EPA did not have information available at the time to determine which projects would comply with the rule through on-site reductions as compared to projects that would elect to pay to achieve emission reductions off-site. The District now has a record of projects that have complied via the on-site mitigation. The documentation specifies the NOx and PM10 emission reductions for each project. To further estimate the portion of PM2.5 applicable to the projects, staff applied a PM2.5 to PM10 emissions ratio of 0.15 and 0.92 to the PM10 totals for dust and exhaust,

respectively. The District's list of projects (Appendix B-2) documents that reductions of 0.1 tpd of PM_{2.5} reductions along with the 1.0 tpd of NO_x reductions can be credited.

C. Actual Compliance with Rule 4901

As part of the District's *PM_{2.5} Contingency Quantification 2008 PM_{2.5} SIP*, the District updated the emission reductions attributed to the Rule 4901 to meet 2015 contingency requirements. The emission reductions were higher than the previous estimate U.S. EPA noted in their September 20, 2011 Technical Support Document (TSD). The previous estimates were based on 2006 air quality to estimate the number of days burning would have been curtailed prior to the rule being implemented. The District updated the emission reduction estimates based on 2009-2013 air quality data reflective of actual rule implementation. U.S. EPA approved this approach and the associated contingency reductions in 2014 (79 FR 29327). This same methodology is being used to document the actual emission reductions that are appropriate for credit towards meeting the District's aggregate commitment. The new estimate increases the amount of PM_{2.5} reductions by 1.3 tpd beyond the 1.0 tpd reduction credited in the TSD.

D. Compliance with Rule 4320

In 2008, the District adopted rule 4320. This rule requires that boilers, steam generators, or process heaters with a total rated heat input greater than 5 million BTU per hour comply with the new emission limits specified by the rule or pay an annual fee to the District. U.S. EPA approved Rule 4320 (76 FR 16696) in 2011 but did not credit emission reductions as the compliance path sources would select was unknown at the time. Now that rule 4320 has been fully implemented, the District has documentation demonstrating that operators of 472 of the applicable units chose to pay a fee and the operators of the remaining 692 units chose to retrofit to comply with the rule. Based on the emission limits and rule requirements, the District estimated the actual emission reductions for these 692 units as specified in Table B-8.

Table B-8 Actual 2014 Emission Reductions from Rule 4320

Category	Category	#Units	Total MMBtu/hr	Operating Capacity ^A	Current ppmv	Current lb/MMBtu	Current Emission (tpd)	New ppmv	New lb/MMBtu	New Emission (tpd)	Reduction (tpd)	Reduction by Category (tpd)
> 5 to 20.0 MMBtu/hr	A	216	3,539.74	0.50	15	0.018	0.382	9	0.011	0.234	0.149	0.149
> 20.0 MMBtu/hr	B	167	10,682.77	0.50	9	0.011	0.705	7	0.008	0.513	0.192	0.192
Oilfield Steam Generators	C 2	139	9,704.15	0.75	15	0.018	1.572	7	0.008	0.699	0.873	1.122
	C 3	126	6,918.06	0.75	15	0.018	1.121	12	0.014	0.872	0.249	
Refinery Units	D 1	22	256.69	0.75	30	0.036	0.083	9	0.011	0.025	0.058	0.313 1.78
	D 2	22	1,199.48	0.75	25	0.031	0.335	6	0.0074	0.080	0.255	
	TOTAL	692						4.20		2.4	1.8	
									Percent Reduction		42.3%	

E. District funded Incentive-Based Emission Reduction Measure

On June 20, 2013, the District adopted Rule 9610: State Implementation Plan Credit for Emission Reductions Generated through Incentive Programs (Rule 9610). Rule 9610 provided an administrative mechanism for the District to receive credit towards State Implementation Plan requirements for emission reductions achieved in the San Joaquin Valley Air Basin through incentive programs administered by the District, Natural Resources Conservation Service (NRCS), or ARB. Rule 9610 demonstrates how the reductions meet U.S. EPA requirements for credit toward fulfilling the aggregate emission reductions commitment in the 2008 PM2.5 Plan. According to Rule 9610 the District provides an Annual Demonstration Report through a public process that lists specific project information including emission reductions from all the incentive projects it administers. To date, the District has developed 2013 and 2014 Annual Demonstration reports that can be found at http://www.valleyair.org/MOP/mop9610_idx.htm.

ARB quantified emission reductions from ARB-funded and District-administered projects that provide emission reductions throughout the 2014 attainment year in the 2008 PM2.5 Plan in its *Report on Reductions Achieved from Incentive-Based Emission Reduction Measures in the San Joaquin Valley* (2014 Incentives Report) dated September 22, 2014. These projects were funded through the Carl Moyer Memorial Air Quality Standards Attainment Program (Moyer Program) and Proposition 1B: Goods Movement Emission Reduction Program (Prop 1B). The 2014 Incentives Report also demonstrated how the reductions meet U.S. EPA requirements for credit toward fulfilling the aggregate emission reductions commitment in the SJV 2008 PM2.5 Plan.

This document addresses the emission reductions from certain District-funded incentive projects that the District administered according to Moyer Program guidelines. The list of projects in Appendix B-3 includes details regarding each project that was funded by the District and provides reference by project category to the appropriate Moyer Program guideline year and chapter. For each project category, Table B-9 outlines where the demonstration of how these reductions meet U.S. EPA requirements for credit toward fulfilling the aggregate emission reductions commitment can be found.

Table B-10
U.S. EPA Requirement Demonstration by Specific Project Categories

Component	Component Option	Primary Function	Applicable Guideline	Integrity Demonstration in 2014 Incentives Report	Integrity Demonstration in SJV Rule 9610
Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 10	x	x
Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	The Carl Moyer Program Guidelines, approved 11/17/2005, Chpt 10	x	x
Ag Engine	Ag Diesel to Diesel	Irrigation Pump	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 10	x	x
Ag Engine	Ag Diesel to Diesel	Irrigation Pump	The Carl Moyer Program Guidelines, approved 04/28/2011, Chpt 10	x	x
Ag Engine	Ag Diesel to Elec	Irrigation Pump	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 10	x	x
Ag Engine	Ag Diesel to Elec	Irrigation Pump	The Carl Moyer Program Guidelines, approved 04/28/2011, Chpt 10	x	x
Ag Engine	Ag Diesel to Elec	Irrigation Pump	The Carl Moyer Program Guidelines, approved 11/17/2005, Chpt 10	x	x
Ag Engine	Ag New Electric Motor	Irrigation Pump	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 10	x	x
Ag Engine	Ag New Electric Motor	Irrigation Pump	The Carl Moyer Program Guidelines, approved 04/28/2011, Chpt 10	x	x
Off-Road	Engine Repower	Agricultural Tractor	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Almond Shaker	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Almond Sweeper	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Carrot Harvester	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Combine	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Conveyor	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 7	x	x
Off-Road	Engine Repower	Crawler Tractor	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Dozer	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Grape Harvester	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Harvester	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Other Agricultural	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Sprayer	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower	Sprayer	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 7	x	x
Off-Road	Engine Repower	Wheel Loader	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 7	x	x
Off-Road	Engine Repower & Retrofit	Combine	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower & Retrofit	Crawler Tractor	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower & Retrofit	Other Agricultural Equipment	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Engine Repower & Retrofit	Tractor	The Carl Moyer Program Guidelines, approved 03/27/2008, Chpt 5	x	x
Off-Road	Vehicle Replacement	Ag Forage Harvester	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Ag Tractor Crawler	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Agricultural Loader	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Agricultural Tractor	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Almond Sweeper	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Bulk Carrier	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Combine	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Forklift	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Hay Hauler	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Swathers	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Tomato Harvester	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x
Off-Road	Vehicle Replacement	Wheel Loader	The Carl Moyer Program Guidelines, approved 4/28/2011, Chpt 9		x

This project list in Appendix B-3 was generated from the District's 2013 and 2014 Annual Demonstration Report Data Sheets that can be found at [\[http://www.valleyair.org/MOP/mop9610_idx.htm\]](http://www.valleyair.org/MOP/mop9610_idx.htm). Only those District-funded projects with a completed post-inspection as of December 31, 2013, and that will produce surplus emission reductions through the entire 2014 calendar year were included.

Contingency emission reductions are required to be held in reserve and cannot be counted towards attainment. Therefore, to ensure that the identified projects are surplus in this specific context, this preliminary list was then cross-referenced by project identification number to the list of projects that were approved for 2015 attainment contingency purposes in *Attachments A and B* in *U.S. EPA's Technical Support Document for its Proposed Approval of Clean Air Act Section 172(c)(9) Contingency Measures in the San Joaquin valley State Implementation Plan for Attainment of the 1997 PM_{2.5} Standards*, dated August 15, 2013. These contingency projects were originally selected from the list in the District's 2013 Annual Demonstration Report. All projects that appeared in both the preliminary project list and the contingency project list were then removed from the list of SIP-eligible projects to be credited. The project list at the end of this section includes a list of incentive projects with associated emission reductions that follow the approved incentive program guidelines, meet U.S. EPA's integrity elements, and are therefore SIP eligible.

The emission reductions from this project list in the San Joaquin Valley are summarized in Table B-10.

Table 10
2014 District-Funded Incentive-Based Emission Reductions Achieved
In the San Joaquin Valley

Source Category	Technology	Guideline Year	Guideline Chapter	Emission Reductions (tpd)	
				NOx	PM2.5
Stationary and Portable Agricultural Engines: Irrigation Pumps	Repower	2005	10	0.04	0.0
Stationary and Portable Agricultural Engines: Irrigation Pumps	Repower	2008	10	0.57	0.02
Stationary and Portable Agricultural Engines: Irrigation Pumps	Repower	2011	10	0.08	0.00
Off-Road Equipment - Mobile Agricultural	Repower & Retrofit	2008	5	0.01	0.00
Off-Road Equipment - Mobile Agricultural	Repower	2011	7	0.0	0.0
Off-road Equipment – Mobile Agricultural	Replacement	2011	9	1.06	0.04
TOTAL				1.8	0.1

Totals may not add up due to rounding.

Appendix B-1

Methodology

Based on the woodstove replacement project list below, ARB followed U.S. EPA guidance to develop the methodology for the emission reduction credits. The formula for calculating the credits was based on U.S. EPA's *Guidance for Quantifying and Using Emission Reductions from Voluntary Woodstove Changeout Programs in State Implementation Plans* prepared in 2006.¹

The following general equation can be used to determine emissions of any source category²:

$$E = A \times EF \times (1-ER/100)$$

Where:

- E = emissions
- A = activity rate
- EF = emissions factor, and;
- ER = overall emission reduction efficiency, %

The basic equation above is modified since we are interested in the improvement in emissions based on the change in efficiency from old conventional stoves to newer more efficient stoves. Therefore, the equation becomes³:

$$E = A \times EF \times (NE_{conv}/NE_{new})$$

Where:

- E = emissions
- A = activity rate
- EF = emissions factor, and;
- NE_x = Net efficiency of the stove

The following generally explains and describes where the inputs are derived from.

Activity Rate

For residential wood combustion, the activity rate is expressed in tons of wood used per day and is provided as a single constant, and determined from the emissions inventory. For the activity rate, staff utilized ARB's residential wood combustion documentation that is used to estimate the criteria pollutant emissions from the various types of residential wood combustion for each county throughout the State. The activity rate from ARB's documentation has a unit of measurement of tons per household and is provided below for each device type.

¹ http://www.epa.gov/burnwise/pdfs/guidance_quantifying_jan.pdf

² Pg. B1, http://www.epa.gov/burnwise/pdfs/guidance_quantifying_jan.pdf

³ Pg. B3, http://www.epa.gov/burnwise/pdfs/guidance_quantifying_jan.pdf

Table B-8. Fireplace Fuel Combustion⁴

Activity Rate				
County	Total Cord wood burned in fireplaces, tons/yr	# Homes with fireplaces in use	# of fireplaces per home	Tons burned per household
Fresno	16608	40107	1.1	0.414092303
Kern(SJV)	11477	23669	1.1	0.484895855
Kings	2195	4664	1.1	0.470626072
Madera	4260	5939	1.1	0.717292473
Merced	5147	10476	1.1	0.491313478
San Joaquin	26492	56298	1.1	0.470567338
Stanislaus	13373	33451	1.1	0.399778781
Tulare	11162	23720	1.1	0.470573356
Air Basin Total	90714	198324 ⁵	1.1 ⁶	0.50

Table B-9. Woodstove Fuel Combustion

Activity Rate		
County	# of cord of wood burned in wood stoves (cords/home/yr)	Convert cord/household to tons/household (1.54 tons/cord)
Fresno	2.09	3.2186
Kern(SJV)	1.57	2.4178
Kings	1.16	1.7864
Madera	2.61	4.0194
Merced	2.67	4.1118
San Joaquin	1.15	1.771
Stanislaus	1.55	2.387
Tulare	2.4	3.696
Air Basin Total	1.9	2.93

⁴ Table B-1, B-2, Attachment #3, ARB's Residential Wood Combustion Appendix B

⁵ Table A-5, Attachment #2, ARB's Residential Wood Combustion Appendix A

⁶ Table A-9, A-10, Attachment #2, ARB's Residential Wood Combustion Appendix A

Table B-10. Pellet Device Fuel Combustion

County	Activity Rate		
	Total pellets burned in pellet stoves, tons/yr	# Homes with pellet stoves in use	Tons burned per household
Butte	684	342	2.00
Colusa	53	26	2.04
Sutter	238	119	2.00
Yuba	176	88	2.00
Glenn	76	38	2.00
Placer (SV)	3901	1950	2.00
Sacramento	18923	9461	2.00
Shasta	546	273	2.00
Tehama	179	90	1.99
Solano	18688	934	20.01
Yolo	2496	1248	2.00
Grand Total	45960	14569	3.15

Emissions factors are reported in mass of pollutant per mass of dry wood, therefore cords needs to be converted into mass. Similar to the activity rate, staff utilized ARB's residential wood combustion documentation that is used to estimate the criteria pollutant emissions from the various types of residential wood combustion for each county throughout the State. Because U.S. EPA's guidance does not include emissions estimates for fireplaces or other similar devices that burn natural gas, staff used emission factors from U.S. EPA's AP42, 1.4: Natural Gas Combustion⁷.

Natural Gas Emission Factor

The emission factor for natural gas is given in lb/10⁶ scf.⁸ The following is the conversion to lbs/household based on activity rate for both fireplaces and woodstoves. (Results may differ due to rounding)

$$\text{Scf/household conversion} = (\text{Btu/lbs of wood burned})^9 \times (\text{amount of lbs per ton}) \times (\text{device activity rate})^{10} \div (\text{average gross heat value})^{11}$$

Open Hearth Fireplace

$$7,666.95 \text{ scf/household wood heat} = (8,000 \text{ Btu/lbs of wood}) \times (2,000 \text{ lbs/ton}) \times (.50 \text{ tons/household}) \div (1050 \text{ Btu/scf})$$

⁷ <http://www.epa.gov/ttnchie1/ap42/>

⁸ Pg. 5 -6, <http://www.epa.gov/ttn/chie1/ap42/ch01/final/c01s04.pdf>

⁹ Pg. 1, <http://www.epa.gov/ttnchie1/ap42/ch01/final/c01s06.pdf>

¹⁰ Given in Table 3, 4, and 5 above

¹¹ Pg. 1, <http://www.epa.gov/ttn/chie1/ap42/ch01/final/c01s04.pdf>

NO_x emission factor in lbs/household = (NO_x emission factor in lb/10⁶ scf)¹² X
(scf/household wood heat)

0.72 lbs/household of NO_x = (94 lb/10⁶ scf) X (7,666.95 scf/household wood heat)

PM_{2.5} emission factor in lbs/household = (PM_{2.5} emission factor in lb/10⁶ scf)¹³ X
(scf/household wood heat)

0.06 lbs/household of PM_{2.5} = (7.6 lb/10⁶ scf) X (7,666.95 scf/household wood heat)

Woodstove

44,586.67 scf/household wood heat = (8,000 Btu/lbs of wood) X (2,000 lbs/ton) X
(2.93 tons/household) ÷ (1050 Btu/scf)

NO_x emission factor in lbs/household = (NO_x emission factor in lb/10⁶ scf)¹⁴ X
(scf/household wood heat)

4.19 lbs/household of NO_x = (94 lb/10⁶ scf) X (44,586.67 scf/household wood heat)

PM_{2.5} emission factor in lbs/household = (PM_{2.5} emission factor in lb/10⁶ scf)¹⁵ X
(scf/household wood heat)

0.34 lbs/household of PM_{2.5} = (7.6 lb/10⁶ scf) X (44,586.67 scf/household wood heat)

Pellet Device

48,000 scf/household wood heat = (8,000 Btu/lbs of wood) X (2,000 lbs/ton) X
(3.15 tons/household) ÷ (1050 Btu/scf)

NO_x emission factor in lbs/household = (NO_x emission factor in lb/10⁶ scf)¹⁶ X
(scf/household wood heat)

4.51 lbs/household of NO_x = (94 lb/10⁶ scf) X (48,000 scf/household wood heat)

PM_{2.5} emission factor in lbs/household = (PM_{2.5} emission factor in lb/10⁶ scf)¹⁷ X
(scf/household wood heat)

0.37 lbs/household of PM_{2.5} = (7.6 lb/10⁶ scf) X (48,000 scf/household wood heat)

Net Efficiency

The net efficiency of a residential heating combustion device is the product combustion efficiency and heat transfer efficiency. U.S. EPA has two different sources for net

¹² Pg. 5, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

¹³ Pg. 6, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

¹⁴ Pg. 5, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

¹⁵ Pg. 6, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

¹⁶ Pg. 5, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

¹⁷ Pg. 6, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

efficiency, one of which is included in the U.S. EPA changeout guidance provided above and the other is U.S. EPA's Burn Wise Fuel Efficiency Calculator.¹⁸

Open Hearth Fireplace

The following is the emission reduction credit, including referenced inputs from above, for replacing 2994 open hearth fireplaces with either certified wood, certified pellet, or gas devices.

Activity Rate

To calculate the activity rate, staff utilized ARB's Residential Wood Combustion documentation. The average consumption of wood in the District is 0.50 tons per household.

Emission Factor

The emission factor for open hearth fireplaces using cord wood bundles for NOx and PM2.5 is 2.6 and 22.7 lb/ton fuel burned, respectively.¹⁹

The emission factor for certified wood device using cord wood bundles for NOx and PM2.5 is 2 and 19.6 lb/ton fuel burned, respectively.²⁰ These emission factors represent the catalytic rather than the non-catalytic mode of burning since the catalytic is more conservative within respect to PM2.5, but not NOx.

The emission factor for a certified pellet device using pellets for NOx and PM2.5 is 3.8 and 2.9 lb/ton fuel burned, respectively.²¹ The same emission factors were used for non-certified pellet devices.

The emission factor for gas device using natural gas for NOx and PM2.5 is .72 and .06 lb/10⁶ scf, respectively.²²

Net Efficiency

The net efficiency for open hearth fireplaces is not provided in U.S. EPA's guidance so staff used the most conservative and comparative device under the guidance which is the conventional woodstove. The conventional woodstove has a net efficiency of 54 percent.²³

¹⁸ <http://www.eia.gov/neic/experts/heatcalc.xls>

¹⁹ Pg. 7.1-12, Attachment #1, ARB's Residential Wood Combustion

²⁰ Ibid.

²¹ Ibid.

²² Pg. 5-6, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

²³ Pg. B-3, http://www.epa.gov/burnwise/pdfs/guidance_quantfying_jan.pdf

The District information does not distinguish between non-catalytic and catalytic certified wood devices, but U.S. EPA's guidance has the same net efficiency of 68 percent.²⁴

There are two different pellet stove net efficiencies. The District certified and non-certified pellet devices were assumed to have net efficiency values of 68 and 56 percent, respectively.²⁵

The gas device net efficiency is derived from U.S. EPA's Burn Wise Fuel Efficiency Calculator. Staff selected the more conservative net efficiency for Room Heater (Vented) which has a value of 65 percent.²⁶

Non-Certified Wood Device

The following is the emission reduction credit, including referenced inputs, for replacing 413 non-certified wood devices with certified wood, certified pellet, or gas devices.

Activity Rate

To calculate the activity rate, staff utilized ARB's Residential Wood Combustion documentation. The average consumption of wood in the District is 2.93 tons per household as noted above.

Emission Factor

The emission factor for a non-certified wood device using cord wood bundles for NOx and PM2.5 is 2.8 and 29.5 lb/ton fuel burned, respectively.²⁷

The emission factor for a certified wood device using cord wood bundles for NOx and PM2.5 is 2 and 19.6 lb/ton fuel burned, respectively.²⁸ These emission factors represent the catalytic rather than the non-catalytic mode of combustion since the catalytic mode is more conservative within respect to PM2.5, but not NOx.

The emission factor for a certified pellet device using pellets for NOx and PM2.5 is 3.8 and 2.9 lb/ton fuel burned, respectively.²⁹ The same emission factor was used for non-certified pellet devices. The emission factor for a gas device using natural gas for NOx and PM2.5 is 4.19 and 0.34 lb/10⁶ scf, respectively.³⁰

²⁴ Ibid.

²⁵ Ibid.

²⁶ <http://www.eia.gov/neic/experts/heatcalc.xls>

²⁷ Table 1, Attachment #1, ARB's Residential Wood Combustion

²⁸ Ibid.

²⁹ Ibid.

³⁰ Pg. 5-6, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

Net Efficiency

The net efficiency of a non-certified wood device is provided in U.S. EPA's guidance and the conventional woodstove has a net efficiency of 54 percent.³¹ Similarly, the net efficiency for both catalytic and non-catalytic certified wood device in U.S. EPA's guidance is 68 percent.³²

There are two different pellet stove net efficiencies. The District certified and non-certified pellet devices were assumed to have net efficiency values of 68 and 56 percent, respectively.³³

The gas device net efficiency is derived from U.S. EPA's Burn Wise Fuel Efficiency Calculator. Staff selected the more conservative net efficiency for Room Heater (Vented) which has a value of 65 percent.³⁴

Non-Certified Pellet Device

The following is the emission reduction credit, including referenced inputs, for replacing 48 non-certified pellet devices with either certified pellet or gas devices.

Activity Rate

To calculate the activity rate, staff utilized ARB's Residential Wood Combustion documentation. The average consumption of wood in the District is 3.15 tons per household as noted above.

Emission Factor

The emission factor for a non-certified pellet device using pellets for NOx and PM2.5 is 3.8 and 2.9 lb/ton fuel burned, respectively.³⁵

The emission factor for gas device using natural gas for NOx and PM2.5 is 4.19 and 0.34 lb/10⁶ scf, respectively.³⁶

Net Efficiency

There are two different pellet stove net efficiencies. The District certified and non-certified pellet devices were assumed to have net efficiency values of 68 and 56 percent, respectively.³⁷

³¹ Pg. B-3, http://www.epa.gov/burnwise/pdfs/guidance_quantfying_jan.pdf

³² Ibid.

³³ Ibid.

³⁴ <http://www.eia.gov/neic/experts/heatcalc.xls>

³⁵ Ibid.

³⁶ Pg. 5-6, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

³⁷ Ibid.

The gas device net efficiency is derived from U.S. EPA's Burn Wise Fuel Efficiency Calculator. Staff selected the more conservative net efficiency for Room Heater (Vented) which has a value of 65 percent.³⁸

Certified Wood Device

The following is the emission reduction credit, including referenced inputs, for replacing 129 certified wood devices with either certified pellet or gas devices.

Activity Rate

To calculate the activity rate, staff utilized ARB's Residential Wood Combustion documentation. The average consumption of wood in the District is 2.93 tons per household as noted above.

Emission Factor

The emission factor for certified wood device using cord wood bundles for NOx and PM2.5 is 2 and 19.6 lb/ton fuel burned, respectively.³⁹ These emission factors represent the catalytic rather than the non-catalytic mode of combustion since the catalytic mode is more conservative within respect to PM2.5, but not NOx.

The emission factor for certified pellet device using pellets for NOx and PM2.5 is 3.8 and 2.9 lb/ton fuel burned, respectively.⁴⁰

The emission factor for gas device using natural gas for NOx and PM2.5 is 4.19 and 0.34 lb/10⁶ scf, respectively.⁴¹

Net Efficiency

The District information does not distinguish between non-catalytic and catalytic certified wood devices, but U.S. EPA's guidance has the same net efficiency of 68 percent.⁴²

There are two different pellet stove net efficiencies. The District certified and non-certified pellet devices were assumed to have net efficiency values of 68 and 56 percent, respectively.⁴³

The gas device net efficiency is derived from U.S. EPA's Burn Wise Fuel Efficiency Calculator. We took the more conservative net efficiency for Room Heater (Vented) which has a value of 65 percent.⁴⁴

³⁸ <http://www.eia.gov/neic/experts/heatcalc.xls>

³⁹ Ibid.

⁴⁰ Ibid.

⁴¹ Pg. 5-6, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

⁴² Ibid.

⁴³ Ibid.

⁴⁴ <http://www.eia.gov/neic/experts/heatcalc.xls>

Certified Pellet Device

The following is the emission reduction credit, including referenced inputs, for replacing 28 certified pellet devices with gas devices.

The following is the emission reduction credit, including referenced inputs, for replacing 129 certified wood devices with either certified pellet or gas devices.

Activity Rate

To calculate the activity rate, staff utilized ARB's Residential Wood Combustion documentation. The average consumption of wood in the District is 3.15 tons per household.

Emission Factor

The emission factor for certified pellet device using pellets for NOx and PM2.5 is 3.8 and 2.9 lb/ton fuel burned, respectively.⁴⁵

The emission factor for gas device using natural gas for NOx and PM2.5 is 4.19 and 0.34 lb/10⁶ scf, respectively.⁴⁶

Net Efficiency

There are two different pellet stove net efficiencies. the District certified and non-certified pellet devices were assumed to have net efficiency values of 68 and 56 percent, respectively.⁴⁷

The gas device net efficiency is derived from U.S. EPA's Burn Wise Fuel Efficiency Calculator. Staff selected the more conservative net efficiency for Room Heater (Vented) which has a value of 65 percent.⁴⁸

⁴⁵ Ibid.

⁴⁶ Pg. 5-6, <http://www.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

⁴⁷ Ibid.

⁴⁸ <http://www.eia.gov/neic/experts/heatcalc.xls>

Appendix B-1

SJVAPCD Administered SIP Creditable Incentive Project List		
Project Number	Old Device	New Device
Open hearth fireplace to Certified wood device		
C-13499-A	Open hearth fireplace	Certified wood insert
C-13625-A	Open hearth fireplace	Certified wood insert
C-18318-A	Open hearth fireplace	Certified wood insert
C-18488-A	Open hearth fireplace	Certified wood insert
C-18560-A	Open hearth fireplace	Certified wood insert
C-20179-A	Open hearth fireplace	Certified wood insert
C-22362-A	Open hearth fireplace	Certified wood insert
C-23206-A	Open hearth fireplace	Certified wood insert
C-24020-A	Open hearth fireplace	Certified wood insert
C-24271-A	Open hearth fireplace	Certified wood insert
C-24373-A	Open hearth fireplace	Certified wood insert
C-26786-A	Open hearth fireplace	Certified wood insert
C-26905-A	Open hearth fireplace	Certified wood insert
C-26906-A	Open hearth fireplace	Certified wood insert
C-26930-A	Open hearth fireplace	Certified wood insert
C-26933-A	Open hearth fireplace	Certified wood insert
C-26969-A	Open hearth fireplace	Certified wood insert
C-27014-A	Open hearth fireplace	Certified wood insert
C-27243-A	Open hearth fireplace	Certified wood insert
C-27264-A	Open hearth fireplace	Certified wood insert
C-27332-A	Open hearth fireplace	Certified wood insert
C-27740-A	Open hearth fireplace	Certified wood insert
C-27803-A	Open hearth fireplace	Certified wood insert
C-28448-A	Open hearth fireplace	Certified wood insert
C-3396-A	Open hearth fireplace	Certified wood insert
C-3510-A	Open hearth fireplace	Certified wood insert
C-3519-A	Open hearth fireplace	Certified wood insert
C-3582-A	Open hearth fireplace	Freestanding certified wood stove
C-3751-A	Open hearth fireplace	Certified wood insert
C-3778-A	Open hearth fireplace	Certified wood insert
C-3817-A	Open hearth fireplace	Certified wood insert
C-3836-A	Open hearth fireplace	Certified wood insert
C-3871-A	Open hearth fireplace	Certified wood insert
C-3872-A	Open hearth fireplace	Certified wood insert
C-4281-A	Open hearth fireplace	Certified wood insert
C-4423-A	Open hearth fireplace	Certified wood insert
C-4438-A	Open hearth fireplace	Certified wood insert
C-5683-A	Open hearth fireplace	Certified wood insert
C-7033-A	Open hearth fireplace	Certified wood insert
C-7234-A	Open hearth fireplace	Certified wood insert
C-9019-A	Open hearth fireplace	Certified wood insert
F-0064	Open hearth fireplace	Certified wood insert
F-0144	Open hearth fireplace	Certified wood insert
F-0187	Open hearth fireplace	Certified wood insert
F-0188	Open hearth fireplace	Certified wood insert
F-0190	Open hearth fireplace	Certified wood insert
F-0196	Open hearth fireplace	Certified wood insert

Appendix B-1

Project Number	Old Device	New Device
F-0211	Open hearth fireplace	Freestanding certified wood stove
F-0224	Open hearth fireplace	Certified wood insert
Open hearth fireplace to Certified pellet device		
C-13626-A	Open hearth fireplace	Freestanding certified pellet stove
C-14903-A	Open hearth fireplace	Certified pellet insert
C-15598-A	Open hearth fireplace	Certified pellet insert
C-15978-A	Open hearth fireplace	Certified pellet insert
C-16675-A	Open hearth fireplace	Certified pellet insert
C-16952-A	Open hearth fireplace	Certified pellet insert
C-17255-A	Open hearth fireplace	Certified pellet insert
C-17431-A	Open hearth fireplace	Certified pellet insert
C-17439-A	Open hearth fireplace	Certified pellet insert
C-17884-A	Open hearth fireplace	Certified pellet insert
C-17885-A	Open hearth fireplace	Certified pellet insert
C-17903-A	Open hearth fireplace	Certified pellet insert
C-17945-A	Open hearth fireplace	Certified pellet insert
C-17977-A	Open hearth fireplace	Certified pellet insert
C-17983-A	Open hearth fireplace	Certified pellet insert
C-17984-A	Open hearth fireplace	Certified pellet insert
C-18017-A	Open hearth fireplace	Certified pellet insert
C-18068-A	Open hearth fireplace	Certified pellet insert
C-18135-A	Open hearth fireplace	Certified pellet insert
C-18255-A	Open hearth fireplace	Certified pellet insert
C-18891-A	Open hearth fireplace	Certified pellet insert
C-19346-A	Open hearth fireplace	Certified pellet insert
C-19410-A	Open hearth fireplace	Certified pellet insert
C-20411-A	Open hearth fireplace	Certified pellet insert
C-20788-A	Open hearth fireplace	Certified pellet insert
C-21140-A	Open hearth fireplace	Certified pellet insert
C-21661-A	Open hearth fireplace	Certified pellet insert
C-21664-A	Open hearth fireplace	Certified pellet insert
C-21797-A	Open hearth fireplace	Certified pellet insert
C-21952-A	Open hearth fireplace	Certified pellet insert
C-21967-A	Open hearth fireplace	Certified pellet insert
C-22688-A	Open hearth fireplace	Certified pellet insert
C-22690-A	Open hearth fireplace	Certified pellet insert
C-22863-A	Open hearth fireplace	Certified pellet insert
C-23217-A	Open hearth fireplace	Certified pellet insert
C-23234-A	Open hearth fireplace	Certified pellet insert
C-23290-A	Open hearth fireplace	Certified pellet insert
C-23322-A	Open hearth fireplace	Certified pellet insert
C-23398-A	Open hearth fireplace	Certified pellet insert
C-23460-A	Open hearth fireplace	Certified pellet insert
C-23988-A	Open hearth fireplace	Certified pellet insert
C-24379-A	Open hearth fireplace	Certified pellet insert
C-27016-A	Open hearth fireplace	Certified pellet insert
C-27328-A	Open hearth fireplace	Certified pellet insert
C-27456-A	Open hearth fireplace	Certified pellet insert

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Project Number	Old Device	New Device
C-27656-A	Open hearth fireplace	Certified pellet insert
C-28027-A	Open hearth fireplace	Certified pellet insert
C-28162-A	Open hearth fireplace	Certified pellet insert
C-28793-A	Open hearth fireplace	Certified pellet insert
C-3454-A	Open hearth fireplace	Certified pellet insert
C-3466-A	Open hearth fireplace	Freestanding certified pellet stove
C-3469-A	Open hearth fireplace	Certified pellet insert
C-3480-A	Open hearth fireplace	Certified pellet insert
C-3503-A	Open hearth fireplace	Certified pellet insert
C-3761-A	Open hearth fireplace	Certified pellet insert
C-4407-A	Open hearth fireplace	Certified pellet insert
C-4457-A	Open hearth fireplace	Certified pellet insert
C-4485-A	Open hearth fireplace	Freestanding certified pellet stove
C-4508-A	Open hearth fireplace	Certified pellet insert
C-4545-A	Open hearth fireplace	Certified pellet insert
C-5686-A	Open hearth fireplace	Certified pellet insert
C-5856-A	Open hearth fireplace	Certified pellet insert
C-6705-A	Open hearth fireplace	Certified pellet insert
C-6734-A	Open hearth fireplace	Certified pellet insert
C-7090-A	Open hearth fireplace	Certified pellet insert
C-7203-A	Open hearth fireplace	Certified pellet insert
C-7330-A	Open hearth fireplace	Certified pellet insert
C-7334-A	Open hearth fireplace	Certified pellet insert
C-7460-A	Open hearth fireplace	Certified pellet insert
C-7529-A	Open hearth fireplace	Certified pellet insert
F-0057	Open hearth fireplace	Certified pellet insert
F-0076	Open hearth fireplace	Certified pellet insert
F-0077	Open hearth fireplace	Certified pellet insert
F-0087	Open hearth fireplace	Certified pellet insert
F-0266	Open hearth fireplace	Certified pellet insert
Open hearth fireplace to Gas device		
C-10011-A	Open hearth fireplace	Gas Insert
C-10012-A	Open hearth fireplace	Gas Insert
C-10014-A	Open hearth fireplace	Gas Insert
C-10043-A	Open hearth fireplace	Gas Insert
C-10044-A	Open hearth fireplace	Gas Insert
C-10045-A	Open hearth fireplace	Gas Insert
C-10048-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-10049-A	Open hearth fireplace	Gas Insert
C-10050-A	Open hearth fireplace	Gas Insert
C-10066-A	Open hearth fireplace	Gas Insert
C-10067-A	Open hearth fireplace	Gas Insert
C-10070-A	Open hearth fireplace	Gas Insert
C-10072-A	Open hearth fireplace	Gas Insert
C-10074-A	Open hearth fireplace	Gas Insert
C-10110-A	Open hearth fireplace	Gas Insert
C-10111-A	Open hearth fireplace	Gas Insert
C-10112-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-10113-A	Open hearth fireplace	Gas Insert
C-10742-A	Open hearth fireplace	Gas Insert
C-10774-A	Open hearth fireplace	Gas Insert
C-10780-A	Open hearth fireplace	Gas Insert
C-12753-A	Open hearth fireplace	Gas Insert
C-12757-A	Open hearth fireplace	Gas Insert
C-12759-A	Open hearth fireplace	Gas Insert
C-12760-A	Open hearth fireplace	Gas Insert
C-13297-A	Open hearth fireplace	Gas Insert
C-13299-A	Open hearth fireplace	Gas Insert
C-13485-A	Open hearth fireplace	Gas Insert
C-13488-A	Open hearth fireplace	Gas Insert
C-13490-A	Open hearth fireplace	Gas Insert
C-13491-A	Open hearth fireplace	Gas Insert
C-13497-A	Open hearth fireplace	Gas Insert
C-13544-A	Open hearth fireplace	Gas Insert
C-13545-A	Open hearth fireplace	Gas Insert
C-13628-A	Open hearth fireplace	Gas Insert
C-13689-A	Open hearth fireplace	Gas Insert
C-13692-A	Open hearth fireplace	Gas Insert
C-13694-A	Open hearth fireplace	Gas Insert
C-13695-A	Open hearth fireplace	Gas Insert
C-13836-A	Open hearth fireplace	Gas Insert
C-13838-A	Open hearth fireplace	Gas Insert
C-13841-A	Open hearth fireplace	Gas Insert
C-13842-A	Open hearth fireplace	Gas Insert
C-13844-A	Open hearth fireplace	Gas Insert
C-13845-A	Open hearth fireplace	Gas Insert
C-13849-A	Open hearth fireplace	Gas Insert
C-13998-A	Open hearth fireplace	Gas Insert
C-14000-A	Open hearth fireplace	Gas Insert
C-14054-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-14055-A	Open hearth fireplace	Gas Insert
C-14057-A	Open hearth fireplace	Gas Insert
C-14059-A	Open hearth fireplace	Gas Insert
C-14148-A	Open hearth fireplace	Gas Insert
C-14339-A	Open hearth fireplace	Gas Insert
C-14342-A	Open hearth fireplace	Gas Insert
C-14445-A	Open hearth fireplace	Freestanding gas stove
C-14550-A	Open hearth fireplace	Gas Insert
C-14753-A	Open hearth fireplace	Gas Insert
C-14902-A	Open hearth fireplace	Gas Insert
C-14904-A	Open hearth fireplace	Gas Insert
C-14932-A	Open hearth fireplace	Gas Insert
C-15057-A	Open hearth fireplace	Gas Insert
C-15058-A	Open hearth fireplace	Gas Insert
C-15059-A	Open hearth fireplace	Gas Insert
C-15143-A	Open hearth fireplace	Gas Insert
C-15144-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-15145-A	Open hearth fireplace	Gas Insert
C-15146-A	Open hearth fireplace	Gas Insert
C-15174-A	Open hearth fireplace	Gas Insert
C-15196-A	Open hearth fireplace	Gas Insert
C-15197-A	Open hearth fireplace	Gas Insert
C-15272-A	Open hearth fireplace	Gas Insert
C-15273-A	Open hearth fireplace	Gas Insert
C-15274-A	Open hearth fireplace	Gas Insert
C-15276-A	Open hearth fireplace	Gas Insert
C-15278-A	Open hearth fireplace	Gas Insert
C-15323-A	Open hearth fireplace	Gas Insert
C-15394-A	Open hearth fireplace	Gas Insert
C-15397-A	Open hearth fireplace	Gas Insert
C-15398-A	Open hearth fireplace	Gas Insert
C-15399-A	Open hearth fireplace	Gas Insert
C-15440-A	Open hearth fireplace	Gas Insert
C-15442-A	Open hearth fireplace	Gas Insert
C-15484-A	Open hearth fireplace	Gas Insert
C-15485-A	Open hearth fireplace	Gas Insert
C-15536-A	Open hearth fireplace	Gas Insert
C-15537-A	Open hearth fireplace	Gas Insert
C-15538-A	Open hearth fireplace	Gas Insert
C-15539-A	Open hearth fireplace	Gas Insert
C-15600-A	Open hearth fireplace	Gas Insert
C-15603-A	Open hearth fireplace	Gas Insert
C-15606-A	Open hearth fireplace	Gas Insert
C-15608-A	Open hearth fireplace	Gas Insert
C-15697-A	Open hearth fireplace	Gas Insert
C-15698-A	Open hearth fireplace	Gas Insert
C-15699-A	Open hearth fireplace	Gas Insert
C-15700-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-15701-A	Open hearth fireplace	Gas Insert
C-15703-A	Open hearth fireplace	Gas Insert
C-15754-A	Open hearth fireplace	Gas Insert
C-15755-A	Open hearth fireplace	Gas Insert
C-15756-A	Open hearth fireplace	Gas Insert
C-15759-A	Open hearth fireplace	Gas Insert
C-15760-A	Open hearth fireplace	Gas Insert
C-15762-A	Open hearth fireplace	Gas Insert
C-15971-A	Open hearth fireplace	Gas Insert
C-15972-A	Open hearth fireplace	Gas Insert
C-15973-A	Open hearth fireplace	Gas Insert
C-15974-A	Open hearth fireplace	Gas Insert
C-15976-A	Open hearth fireplace	Gas Insert
C-16071-A	Open hearth fireplace	Gas Insert
C-16072-A	Open hearth fireplace	Gas Insert
C-16073-A	Open hearth fireplace	Gas Insert
C-16075-A	Open hearth fireplace	Gas Insert
C-16078-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)

Appendix B-1

Project Number	Old Device	New Device
C-16080-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-16081-A	Open hearth fireplace	Gas Insert
C-16082-A	Open hearth fireplace	Gas Insert
C-16212-A	Open hearth fireplace	Gas Insert
C-16213-A	Open hearth fireplace	Gas Insert
C-16215-A	Open hearth fireplace	Gas Insert
C-16355-A	Open hearth fireplace	Gas Insert
C-16356-A	Open hearth fireplace	Gas Insert
C-16357-A	Open hearth fireplace	Gas Insert
C-16360-A	Open hearth fireplace	Gas Insert
C-16366-A	Open hearth fireplace	Gas Insert
C-16432-A	Open hearth fireplace	Gas Insert
C-16433-A	Open hearth fireplace	Gas Insert
C-16434-A	Open hearth fireplace	Gas Insert
C-16436-A	Open hearth fireplace	Gas Insert
C-16514-A	Open hearth fireplace	Gas Insert
C-16515-A	Open hearth fireplace	Gas Insert
C-16516-A	Open hearth fireplace	Gas Insert
C-16568-A	Open hearth fireplace	Gas Insert
C-16571-A	Open hearth fireplace	Gas Insert
C-16573-A	Open hearth fireplace	Gas Insert
C-16632-A	Open hearth fireplace	Gas Insert
C-16634-A	Open hearth fireplace	Gas Insert
C-16636-A	Open hearth fireplace	Gas Insert
C-16637-A	Open hearth fireplace	Gas Insert
C-16638-A	Open hearth fireplace	Gas Insert
C-16640-A	Open hearth fireplace	Gas Insert
C-16641-A	Open hearth fireplace	Gas Insert
C-16678-A	Open hearth fireplace	Gas Insert
C-16735-A	Open hearth fireplace	Gas Insert
C-16736-A	Open hearth fireplace	Gas Insert
C-16738-A	Open hearth fireplace	Gas Insert
C-16739-A	Open hearth fireplace	Gas Insert
C-16740-A	Open hearth fireplace	Gas Insert
C-16847-A	Open hearth fireplace	Gas Insert
C-16848-A	Open hearth fireplace	Gas Insert
C-16850-A	Open hearth fireplace	Gas Insert
C-16851-A	Open hearth fireplace	Gas Insert
C-16852-A	Open hearth fireplace	Gas Insert
C-16853-A	Open hearth fireplace	Gas Insert
C-16854-A	Open hearth fireplace	Gas Insert
C-16943-A	Open hearth fireplace	Gas Insert
C-16953-A	Open hearth fireplace	Gas Insert
C-17042-A	Open hearth fireplace	Gas Insert
C-17043-A	Open hearth fireplace	Gas Insert
C-17044-A	Open hearth fireplace	Gas Insert
C-17046-A	Open hearth fireplace	Gas Insert
C-17047-A	Open hearth fireplace	Gas Insert
C-17048-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-17051-A	Open hearth fireplace	Gas Insert
C-17052-A	Open hearth fireplace	Gas Insert
C-17054-A	Open hearth fireplace	Gas Insert
C-17055-A	Open hearth fireplace	Gas Insert
C-17056-A	Open hearth fireplace	Gas Insert
C-17057-A	Open hearth fireplace	Gas Insert
C-17059-A	Open hearth fireplace	Gas Insert
C-17060-A	Open hearth fireplace	Gas Insert
C-17061-A	Open hearth fireplace	Gas Insert
C-17062-A	Open hearth fireplace	Gas Insert
C-17064-A	Open hearth fireplace	Gas Insert
C-17065-A	Open hearth fireplace	Gas Insert
C-17066-A	Open hearth fireplace	Gas Insert
C-17104-A	Open hearth fireplace	Gas Insert
C-17105-A	Open hearth fireplace	Gas Insert
C-17106-A	Open hearth fireplace	Gas Insert
C-17108-A	Open hearth fireplace	Gas Insert
C-17109-A	Open hearth fireplace	Gas Insert
C-17114-A	Open hearth fireplace	Gas Insert
C-17115-A	Open hearth fireplace	Gas Insert
C-17116-A	Open hearth fireplace	Gas Insert
C-17120-A	Open hearth fireplace	Gas Insert
C-17121-A	Open hearth fireplace	Gas Insert
C-17122-A	Open hearth fireplace	Gas Insert
C-17124-A	Open hearth fireplace	Gas Insert
C-17125-A	Open hearth fireplace	Gas Insert
C-17126-A	Open hearth fireplace	Gas Insert
C-17127-A	Open hearth fireplace	Gas Insert
C-17250-A	Open hearth fireplace	Gas Insert
C-17252-A	Open hearth fireplace	Gas Insert
C-17253-A	Open hearth fireplace	Gas Insert
C-17254-A	Open hearth fireplace	Gas Insert
C-17294-A	Open hearth fireplace	Gas Insert
C-17295-A	Open hearth fireplace	Gas Insert
C-17351-A	Open hearth fireplace	Gas Insert
C-17354-A	Open hearth fireplace	Gas Insert
C-17356-A	Open hearth fireplace	Gas Insert
C-17357-A	Open hearth fireplace	Gas Insert
C-17359-A	Open hearth fireplace	Gas Insert
C-17362-A	Open hearth fireplace	Gas Insert
C-17420-A	Open hearth fireplace	Gas Insert
C-17429-A	Open hearth fireplace	Gas Insert
C-17432-A	Open hearth fireplace	Gas Insert
C-17434-A	Open hearth fireplace	Gas Insert
C-17435-A	Open hearth fireplace	Gas Insert
C-17436-A	Open hearth fireplace	Gas Insert
C-17437-A	Open hearth fireplace	Gas Insert
C-17438-A	Open hearth fireplace	Gas Insert
C-17441-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-17442-A	Open hearth fireplace	Gas Insert
C-17444-A	Open hearth fireplace	Gas Insert
C-17495-A	Open hearth fireplace	Gas Insert
C-17498-A	Open hearth fireplace	Gas Insert
C-17499-A	Open hearth fireplace	Gas Insert
C-17503-A	Open hearth fireplace	Gas Insert
C-17543-A	Open hearth fireplace	Gas Insert
C-17544-A	Open hearth fireplace	Gas Insert
C-17545-A	Open hearth fireplace	Gas Insert
C-17649-A	Open hearth fireplace	Gas Insert
C-17651-A	Open hearth fireplace	Gas Insert
C-17652-A	Open hearth fireplace	Gas Insert
C-17653-A	Open hearth fireplace	Gas Insert
C-17654-A	Open hearth fireplace	Gas Insert
C-17655-A	Open hearth fireplace	Gas Insert
C-17656-A	Open hearth fireplace	Gas Insert
C-17659-A	Open hearth fireplace	Gas Insert
C-17660-A	Open hearth fireplace	Gas Insert
C-17679-A	Open hearth fireplace	Gas Insert
C-17681-A	Open hearth fireplace	Gas Insert
C-17682-A	Open hearth fireplace	Gas Insert
C-17683-A	Open hearth fireplace	Gas Insert
C-17745-A	Open hearth fireplace	Gas Insert
C-17746-A	Open hearth fireplace	Gas Insert
C-17747-A	Open hearth fireplace	Gas Insert
C-17748-A	Open hearth fireplace	Gas Insert
C-17749-A	Open hearth fireplace	Gas Insert
C-17751-A	Open hearth fireplace	Gas Insert
C-17752-A	Open hearth fireplace	Gas Insert
C-17771-A	Open hearth fireplace	Gas Insert
C-17772-A	Open hearth fireplace	Gas Insert
C-17773-A	Open hearth fireplace	Gas Insert
C-17774-A	Open hearth fireplace	Gas Insert
C-17775-A	Open hearth fireplace	Gas Insert
C-17776-A	Open hearth fireplace	Gas Insert
C-17778-A	Open hearth fireplace	Gas Insert
C-17779-A	Open hearth fireplace	Gas Insert
C-17780-A	Open hearth fireplace	Gas Insert
C-17781-A	Open hearth fireplace	Gas Insert
C-17782-A	Open hearth fireplace	Gas Insert
C-17783-A	Open hearth fireplace	Gas Insert
C-17785-A	Open hearth fireplace	Gas Insert
C-17791-A	Open hearth fireplace	Gas Insert
C-17792-A	Open hearth fireplace	Gas Insert
C-17793-A	Open hearth fireplace	Gas Insert
C-17813-A	Open hearth fireplace	Gas Insert
C-17815-A	Open hearth fireplace	Gas Insert
C-17817-A	Open hearth fireplace	Gas Insert
C-17819-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-17820-A	Open hearth fireplace	Gas Insert
C-17847-A	Open hearth fireplace	Gas Insert
C-17848-A	Open hearth fireplace	Gas Insert
C-17851-A	Open hearth fireplace	Gas Insert
C-17852-A	Open hearth fireplace	Gas Insert
C-17853-A	Open hearth fireplace	Gas Insert
C-17862-A	Open hearth fireplace	Gas Insert
C-17863-A	Open hearth fireplace	Gas Insert
C-17866-A	Open hearth fireplace	Gas Insert
C-17868-A	Open hearth fireplace	Gas Insert
C-17869-A	Open hearth fireplace	Gas Insert
C-17870-A	Open hearth fireplace	Gas Insert
C-17873-A	Open hearth fireplace	Gas Insert
C-17874-A	Open hearth fireplace	Gas Insert
C-17877-A	Open hearth fireplace	Gas Insert
C-17878-A	Open hearth fireplace	Gas Insert
C-17879-A	Open hearth fireplace	Gas Insert
C-17880-A	Open hearth fireplace	Gas Insert
C-17881-A	Open hearth fireplace	Gas Insert
C-17882-A	Open hearth fireplace	Gas Insert
C-17883-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-17888-A	Open hearth fireplace	Gas Insert
C-17889-A	Open hearth fireplace	Gas Insert
C-17892-A	Open hearth fireplace	Gas Insert
C-17893-A	Open hearth fireplace	Gas Insert
C-17894-A	Open hearth fireplace	Gas Insert
C-17897-A	Open hearth fireplace	Gas Insert
C-17898-A	Open hearth fireplace	Gas Insert
C-17899-A	Open hearth fireplace	Gas Insert
C-17900-A	Open hearth fireplace	Gas Insert
C-17901-A	Open hearth fireplace	Gas Insert
C-17904-A	Open hearth fireplace	Gas Insert
C-17908-A	Open hearth fireplace	Gas Insert
C-17920-A	Open hearth fireplace	Gas Insert
C-17922-A	Open hearth fireplace	Gas Insert
C-17934-A	Open hearth fireplace	Gas Insert
C-17935-A	Open hearth fireplace	Gas Insert
C-17936-A	Open hearth fireplace	Gas Insert
C-17939-A	Open hearth fireplace	Gas Insert
C-17944-A	Open hearth fireplace	Gas Insert
C-17947-A	Open hearth fireplace	Gas Insert
C-17948-A	Open hearth fireplace	Gas Insert
C-17949-A	Open hearth fireplace	Gas Insert
C-17951-A	Open hearth fireplace	Gas Insert
C-17953-A	Open hearth fireplace	Gas Insert
C-17955-A	Open hearth fireplace	Gas Insert
C-17956-A	Open hearth fireplace	Gas Insert
C-17957-A	Open hearth fireplace	Gas Insert
C-17961-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-17962-A	Open hearth fireplace	Gas Insert
C-17970-A	Open hearth fireplace	Gas Insert
C-17971-A	Open hearth fireplace	Gas Insert
C-17973-A	Open hearth fireplace	Gas Insert
C-17974-A	Open hearth fireplace	Gas Insert
C-17976-A	Open hearth fireplace	Gas Insert
C-17978-A	Open hearth fireplace	Gas Insert
C-17979-A	Open hearth fireplace	Gas Insert
C-17980-A	Open hearth fireplace	Gas Insert
C-17981-A	Open hearth fireplace	Gas Insert
C-17982-A	Open hearth fireplace	Gas Insert
C-17985-A	Open hearth fireplace	Gas Insert
C-17986-A	Open hearth fireplace	Gas Insert
C-17987-A	Open hearth fireplace	Gas Insert
C-17988-A	Open hearth fireplace	Gas Insert
C-17989-A	Open hearth fireplace	Gas Insert
C-17991-A	Open hearth fireplace	Gas Insert
C-17992-A	Open hearth fireplace	Gas Insert
C-17994-A	Open hearth fireplace	Gas Insert
C-17996-A	Open hearth fireplace	Gas Insert
C-17999-A	Open hearth fireplace	Gas Insert
C-18001-A	Open hearth fireplace	Gas Insert
C-18004-A	Open hearth fireplace	Gas Insert
C-18005-A	Open hearth fireplace	Gas Insert
C-18006-A	Open hearth fireplace	Gas Insert
C-18012-A	Open hearth fireplace	Gas Insert
C-18013-A	Open hearth fireplace	Gas Insert
C-18014-A	Open hearth fireplace	Gas Insert
C-18015-A	Open hearth fireplace	Gas Insert
C-18016-A	Open hearth fireplace	Gas Insert
C-18020-A	Open hearth fireplace	Gas Insert
C-18021-A	Open hearth fireplace	Gas Insert
C-18035-A	Open hearth fireplace	Gas Insert
C-18037-A	Open hearth fireplace	Gas Insert
C-18038-A	Open hearth fireplace	Gas Insert
C-18042-A	Open hearth fireplace	Gas Insert
C-18043-A	Open hearth fireplace	Gas Insert
C-18046-A	Open hearth fireplace	Gas Insert
C-18047-A	Open hearth fireplace	Gas Insert
C-18050-A	Open hearth fireplace	Gas Insert
C-18051-A	Open hearth fireplace	Gas Insert
C-18052-A	Open hearth fireplace	Gas Insert
C-18053-A	Open hearth fireplace	Gas Insert
C-18054-A	Open hearth fireplace	Gas Insert
C-18059-A	Open hearth fireplace	Gas Insert
C-18061-A	Open hearth fireplace	Gas Insert
C-18065-A	Open hearth fireplace	Gas Insert
C-18067-A	Open hearth fireplace	Gas Insert
C-18070-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-18071-A	Open hearth fireplace	Gas Insert
C-18074-A	Open hearth fireplace	Gas Insert
C-18075-A	Open hearth fireplace	Gas Insert
C-18076-A	Open hearth fireplace	Gas Insert
C-18077-A	Open hearth fireplace	Gas Insert
C-18080-A	Open hearth fireplace	Gas Insert
C-18081-A	Open hearth fireplace	Gas Insert
C-18082-A	Open hearth fireplace	Gas Insert
C-18091-A	Open hearth fireplace	Gas Insert
C-18092-A	Open hearth fireplace	Gas Insert
C-18094-A	Open hearth fireplace	Gas Insert
C-18095-A	Open hearth fireplace	Gas Insert
C-18096-A	Open hearth fireplace	Gas Insert
C-18098-A	Open hearth fireplace	Gas Insert
C-18099-A	Open hearth fireplace	Gas Insert
C-18110-A	Open hearth fireplace	Gas Insert
C-18111-A	Open hearth fireplace	Gas Insert
C-18113-A	Open hearth fireplace	Gas Insert
C-18114-A	Open hearth fireplace	Gas Insert
C-18115-A	Open hearth fireplace	Gas Insert
C-18116-A	Open hearth fireplace	Gas Insert
C-18129-A	Open hearth fireplace	Gas Insert
C-18131-A	Open hearth fireplace	Gas Insert
C-18133-A	Open hearth fireplace	Gas Insert
C-18136-A	Open hearth fireplace	Gas Insert
C-18137-A	Open hearth fireplace	Gas Insert
C-18141-A	Open hearth fireplace	Gas Insert
C-18143-A	Open hearth fireplace	Gas Insert
C-18146-A	Open hearth fireplace	Gas Insert
C-18147-A	Open hearth fireplace	Gas Insert
C-18148-A	Open hearth fireplace	Gas Insert
C-18149-A	Open hearth fireplace	Gas Insert
C-18151-A	Open hearth fireplace	Gas Insert
C-18154-A	Open hearth fireplace	Gas Insert
C-18156-A	Open hearth fireplace	Gas Insert
C-18157-A	Open hearth fireplace	Gas Insert
C-18158-A	Open hearth fireplace	Gas Insert
C-18159-A	Open hearth fireplace	Gas Insert
C-18160-A	Open hearth fireplace	Gas Insert
C-18161-A	Open hearth fireplace	Gas Insert
C-18162-A	Open hearth fireplace	Gas Insert
C-18163-A	Open hearth fireplace	Gas Insert
C-18167-A	Open hearth fireplace	Gas Insert
C-18168-A	Open hearth fireplace	Gas Insert
C-18170-A	Open hearth fireplace	Gas Insert
C-18171-A	Open hearth fireplace	Gas Insert
C-18175-A	Open hearth fireplace	Gas Insert
C-18177-A	Open hearth fireplace	Gas Insert
C-18178-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-18179-A	Open hearth fireplace	Gas Insert
C-18213-A	Open hearth fireplace	Gas Insert
C-18215-A	Open hearth fireplace	Gas Insert
C-18231-A	Open hearth fireplace	Gas Insert
C-18232-A	Open hearth fireplace	Gas Insert
C-18234-A	Open hearth fireplace	Gas Insert
C-18235-A	Open hearth fireplace	Gas Insert
C-18236-A	Open hearth fireplace	Gas Insert
C-18237-A	Open hearth fireplace	Gas Insert
C-18238-A	Open hearth fireplace	Gas Insert
C-18239-A	Open hearth fireplace	Gas Insert
C-18240-A	Open hearth fireplace	Gas Insert
C-18242-A	Open hearth fireplace	Gas Insert
C-18245-A	Open hearth fireplace	Gas Insert
C-18246-A	Open hearth fireplace	Gas Insert
C-18247-A	Open hearth fireplace	Gas Insert
C-18248-A	Open hearth fireplace	Gas Insert
C-18248-B	Open hearth fireplace	Gas Insert
C-18249-A	Open hearth fireplace	Gas Insert
C-18252-A	Open hearth fireplace	Gas Insert
C-18253-A	Open hearth fireplace	Gas Insert
C-18254-A	Open hearth fireplace	Gas Insert
C-18257-A	Open hearth fireplace	Gas Insert
C-18258-A	Open hearth fireplace	Gas Insert
C-18259-A	Open hearth fireplace	Gas Insert
C-18283-A	Open hearth fireplace	Gas Insert
C-18285-A	Open hearth fireplace	Gas Insert
C-18287-A	Open hearth fireplace	Gas Insert
C-18289-A	Open hearth fireplace	Freestanding gas stove
C-18290-A	Open hearth fireplace	Gas Insert
C-18291-A	Open hearth fireplace	Gas Insert
C-18292-A	Open hearth fireplace	Gas Insert
C-18292-B	Open hearth fireplace	Gas Insert
C-18293-A	Open hearth fireplace	Gas Insert
C-18294-A	Open hearth fireplace	Gas Insert
C-18296-A	Open hearth fireplace	Gas Insert
C-18297-A	Open hearth fireplace	Gas Insert
C-18309-A	Open hearth fireplace	Gas Insert
C-18311-A	Open hearth fireplace	Gas Insert
C-18312-A	Open hearth fireplace	Gas Insert
C-18315-A	Open hearth fireplace	Gas Insert
C-18317-A	Open hearth fireplace	Gas Insert
C-18319-A	Open hearth fireplace	Gas Insert
C-18320-A	Open hearth fireplace	Gas Insert
C-18335-A	Open hearth fireplace	Gas Insert
C-18337-A	Open hearth fireplace	Gas Insert
C-18339-A	Open hearth fireplace	Gas Insert
C-18340-A	Open hearth fireplace	Gas Insert
C-18343-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-18344-A	Open hearth fireplace	Gas Insert
C-18345-A	Open hearth fireplace	Gas Insert
C-18346-A	Open hearth fireplace	Gas Insert
C-18348-A	Open hearth fireplace	Gas Insert
C-18349-A	Open hearth fireplace	Gas Insert
C-18352-A	Open hearth fireplace	Gas Insert
C-18353-A	Open hearth fireplace	Gas Insert
C-18354-A	Open hearth fireplace	Gas Insert
C-18356-A	Open hearth fireplace	Gas Insert
C-18357-A	Open hearth fireplace	Gas Insert
C-18358-A	Open hearth fireplace	Gas Insert
C-18360-A	Open hearth fireplace	Gas Insert
C-18361-A	Open hearth fireplace	Gas Insert
C-18379-A	Open hearth fireplace	Gas Insert
C-18380-A	Open hearth fireplace	Gas Insert
C-18381-A	Open hearth fireplace	Gas Insert
C-18382-A	Open hearth fireplace	Gas Insert
C-18396-A	Open hearth fireplace	Gas Insert
C-18397-A	Open hearth fireplace	Gas Insert
C-18398-A	Open hearth fireplace	Gas Insert
C-18400-A	Open hearth fireplace	Gas Insert
C-18409-A	Open hearth fireplace	Gas Insert
C-18410-A	Open hearth fireplace	Gas Insert
C-18412-A	Open hearth fireplace	Gas Insert
C-18414-A	Open hearth fireplace	Gas Insert
C-18416-A	Open hearth fireplace	Gas Insert
C-18417-A	Open hearth fireplace	Gas Insert
C-18418-A	Open hearth fireplace	Gas Insert
C-18420-A	Open hearth fireplace	Gas Insert
C-18428-A	Open hearth fireplace	Gas Insert
C-18429-A	Open hearth fireplace	Gas Insert
C-18430-A	Open hearth fireplace	Gas Insert
C-18431-A	Open hearth fireplace	Gas Insert
C-18434-A	Open hearth fireplace	Gas Insert
C-18453-A	Open hearth fireplace	Gas Insert
C-18454-A	Open hearth fireplace	Gas Insert
C-18456-A	Open hearth fireplace	Gas Insert
C-18457-A	Open hearth fireplace	Gas Insert
C-18460-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-18461-A	Open hearth fireplace	Gas Insert
C-18462-A	Open hearth fireplace	Gas Insert
C-18464-A	Open hearth fireplace	Gas Insert
C-18465-A	Open hearth fireplace	Gas Insert
C-18469-A	Open hearth fireplace	Gas Insert
C-18470-A	Open hearth fireplace	Gas Insert
C-18471-A	Open hearth fireplace	Gas Insert
C-18473-A	Open hearth fireplace	Gas Insert
C-18475-A	Open hearth fireplace	Gas Insert
C-18504-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-18505-A	Open hearth fireplace	Gas Insert
C-18507-A	Open hearth fireplace	Gas Insert
C-18508-A	Open hearth fireplace	Gas Insert
C-18509-A	Open hearth fireplace	Gas Insert
C-18524-A	Open hearth fireplace	Gas Insert
C-18525-A	Open hearth fireplace	Gas Insert
C-18526-A	Open hearth fireplace	Gas Insert
C-18528-A	Open hearth fireplace	Gas Insert
C-18529-A	Open hearth fireplace	Gas Insert
C-18530-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-18531-A	Open hearth fireplace	Gas Insert
C-18533-A	Open hearth fireplace	Gas Insert
C-18534-A	Open hearth fireplace	Gas Insert
C-18539-A	Open hearth fireplace	Gas Insert
C-18557-A	Open hearth fireplace	Gas Insert
C-18558-A	Open hearth fireplace	Gas Insert
C-18559-A	Open hearth fireplace	Gas Insert
C-18561-A	Open hearth fireplace	Gas Insert
C-18562-A	Open hearth fireplace	Gas Insert
C-18563-A	Open hearth fireplace	Gas Insert
C-18564-A	Open hearth fireplace	Gas Insert
C-18565-A	Open hearth fireplace	Gas Insert
C-18567-A	Open hearth fireplace	Gas Insert
C-18569-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-18586-A	Open hearth fireplace	Gas Insert
C-18588-A	Open hearth fireplace	Gas Insert
C-18590-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-18591-A	Open hearth fireplace	Gas Insert
C-18594-A	Open hearth fireplace	Gas Insert
C-18595-A	Open hearth fireplace	Gas Insert
C-18596-A	Open hearth fireplace	Gas Insert
C-18597-A	Open hearth fireplace	Gas Insert
C-18598-A	Open hearth fireplace	Gas Insert
C-18606-A	Open hearth fireplace	Gas Insert
C-18607-A	Open hearth fireplace	Gas Insert
C-18608-A	Open hearth fireplace	Gas Insert
C-18609-A	Open hearth fireplace	Gas Insert
C-18610-A	Open hearth fireplace	Gas Insert
C-18613-A	Open hearth fireplace	Gas Insert
C-18614-A	Open hearth fireplace	Gas Insert
C-18625-A	Open hearth fireplace	Gas Insert
C-18626-A	Open hearth fireplace	Gas Insert
C-18626-B	Open hearth fireplace	Gas Insert
C-18638-A	Open hearth fireplace	Gas Insert
C-18640-A	Open hearth fireplace	Gas Insert
C-18642-A	Open hearth fireplace	Gas Insert
C-18653-A	Open hearth fireplace	Gas Insert
C-18654-A	Open hearth fireplace	Gas Insert
C-18655-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-18656-A	Open hearth fireplace	Gas Insert
C-18657-A	Open hearth fireplace	Gas Insert
C-18658-A	Open hearth fireplace	Gas Insert
C-18659-A	Open hearth fireplace	Gas Insert
C-18660-A	Open hearth fireplace	Gas Insert
C-18661-A	Open hearth fireplace	Gas Insert
C-18662-A	Open hearth fireplace	Gas Insert
C-18664-A	Open hearth fireplace	Gas Insert
C-18682-A	Open hearth fireplace	Gas Insert
C-18711-A	Open hearth fireplace	Gas Insert
C-18712-A	Open hearth fireplace	Gas Insert
C-18713-A	Open hearth fireplace	Gas Insert
C-18714-A	Open hearth fireplace	Gas Insert
C-18717-A	Open hearth fireplace	Gas Insert
C-18717-B	Open hearth fireplace	Gas Insert
C-18718-A	Open hearth fireplace	Gas Insert
C-18736-A	Open hearth fireplace	Gas Insert
C-18737-A	Open hearth fireplace	Gas Insert
C-18738-A	Open hearth fireplace	Gas Insert
C-18739-A	Open hearth fireplace	Gas Insert
C-18740-A	Open hearth fireplace	Gas Insert
C-18741-A	Open hearth fireplace	Gas Insert
C-18742-A	Open hearth fireplace	Gas Insert
C-18743-A	Open hearth fireplace	Gas Insert
C-18747-A	Open hearth fireplace	Gas Insert
C-18748-A	Open hearth fireplace	Gas Insert
C-18759-A	Open hearth fireplace	Gas Insert
C-18764-A	Open hearth fireplace	Gas Insert
C-18765-A	Open hearth fireplace	Gas Insert
C-18781-A	Open hearth fireplace	Gas Insert
C-18782-A	Open hearth fireplace	Gas Insert
C-18783-A	Open hearth fireplace	Gas Insert
C-18784-A	Open hearth fireplace	Gas Insert
C-18785-A	Open hearth fireplace	Gas Insert
C-18786-A	Open hearth fireplace	Gas Insert
C-18787-A	Open hearth fireplace	Gas Insert
C-18805-A	Open hearth fireplace	Gas Insert
C-18814-A	Open hearth fireplace	Gas Insert
C-18815-A	Open hearth fireplace	Gas Insert
C-18829-A	Open hearth fireplace	Gas Insert
C-18831-A	Open hearth fireplace	Gas Insert
C-18832-A	Open hearth fireplace	Gas Insert
C-18834-A	Open hearth fireplace	Gas Insert
C-18835-A	Open hearth fireplace	Gas Insert
C-18836-A	Open hearth fireplace	Gas Insert
C-18837-A	Open hearth fireplace	Gas Insert
C-18838-A	Open hearth fireplace	Gas Insert
C-18840-A	Open hearth fireplace	Gas Insert
C-18852-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-18853-A	Open hearth fireplace	Gas Insert
C-18854-A	Open hearth fireplace	Gas Insert
C-18856-A	Open hearth fireplace	Gas Insert
C-18868-A	Open hearth fireplace	Gas Insert
C-18869-A	Open hearth fireplace	Gas Insert
C-18883-A	Open hearth fireplace	Gas Insert
C-18884-A	Open hearth fireplace	Gas Insert
C-18885-A	Open hearth fireplace	Gas Insert
C-18890-A	Open hearth fireplace	Gas Insert
C-18893-A	Open hearth fireplace	Gas Insert
C-18896-A	Open hearth fireplace	Gas Insert
C-18897-A	Open hearth fireplace	Gas Insert
C-18924-A	Open hearth fireplace	Gas Insert
C-18925-A	Open hearth fireplace	Gas Insert
C-18941-A	Open hearth fireplace	Gas Insert
C-18942-A	Open hearth fireplace	Gas Insert
C-18944-A	Open hearth fireplace	Gas Insert
C-18946-A	Open hearth fireplace	Gas Insert
C-18949-A	Open hearth fireplace	Gas Insert
C-18953-A	Open hearth fireplace	Gas Insert
C-18954-A	Open hearth fireplace	Gas Insert
C-18955-A	Open hearth fireplace	Gas Insert
C-18957-A	Open hearth fireplace	Gas Insert
C-18969-A	Open hearth fireplace	Gas Insert
C-18970-A	Open hearth fireplace	Gas Insert
C-18971-A	Open hearth fireplace	Gas Insert
C-18972-A	Open hearth fireplace	Gas Insert
C-19006-A	Open hearth fireplace	Gas Insert
C-19007-A	Open hearth fireplace	Gas Insert
C-19008-A	Open hearth fireplace	Gas Insert
C-19010-A	Open hearth fireplace	Gas Insert
C-19011-A	Open hearth fireplace	Gas Insert
C-19014-A	Open hearth fireplace	Gas Insert
C-19015-A	Open hearth fireplace	Gas Insert
C-19016-A	Open hearth fireplace	Gas Insert
C-19019-A	Open hearth fireplace	Gas Insert
C-19020-A	Open hearth fireplace	Gas Insert
C-19022-A	Open hearth fireplace	Gas Insert
C-19037-A	Open hearth fireplace	Gas Insert
C-19038-A	Open hearth fireplace	Gas Insert
C-19041-A	Open hearth fireplace	Gas Insert
C-19059-A	Open hearth fireplace	Gas Insert
C-19060-A	Open hearth fireplace	Gas Insert
C-19061-A	Open hearth fireplace	Gas Insert
C-19062-A	Open hearth fireplace	Gas Insert
C-19063-A	Open hearth fireplace	Gas Insert
C-19075-A	Open hearth fireplace	Gas Insert
C-19076-A	Open hearth fireplace	Gas Insert
C-19078-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-19079-A	Open hearth fireplace	Gas Insert
C-19080-A	Open hearth fireplace	Gas Insert
C-19101-A	Open hearth fireplace	Gas Insert
C-19102-A	Open hearth fireplace	Gas Insert
C-19103-A	Open hearth fireplace	Gas Insert
C-19104-A	Open hearth fireplace	Gas Insert
C-19119-A	Open hearth fireplace	Gas Insert
C-19120-A	Open hearth fireplace	Gas Insert
C-19121-A	Open hearth fireplace	Gas Insert
C-19134-A	Open hearth fireplace	Gas Insert
C-19135-A	Open hearth fireplace	Gas Insert
C-19137-A	Open hearth fireplace	Gas Insert
C-19138-A	Open hearth fireplace	Gas Insert
C-19139-A	Open hearth fireplace	Gas Insert
C-19140-A	Open hearth fireplace	Gas Insert
C-19164-A	Open hearth fireplace	Gas Insert
C-19165-A	Open hearth fireplace	Gas Insert
C-19166-A	Open hearth fireplace	Gas Insert
C-19167-A	Open hearth fireplace	Gas Insert
C-19168-A	Open hearth fireplace	Gas Insert
C-19169-A	Open hearth fireplace	Gas Insert
C-19182-A	Open hearth fireplace	Gas Insert
C-19183-A	Open hearth fireplace	Gas Insert
C-19194-A	Open hearth fireplace	Gas Insert
C-19195-A	Open hearth fireplace	Gas Insert
C-19196-A	Open hearth fireplace	Gas Insert
C-19227-A	Open hearth fireplace	Gas Insert
C-19230-A	Open hearth fireplace	Gas Insert
C-19238-A	Open hearth fireplace	Gas Insert
C-19247-A	Open hearth fireplace	Gas Insert
C-19248-A	Open hearth fireplace	Gas Insert
C-19265-A	Open hearth fireplace	Gas Insert
C-19296-A	Open hearth fireplace	Gas Insert
C-19313-A	Open hearth fireplace	Gas Insert
C-19328-A	Open hearth fireplace	Gas Insert
C-19330-A	Open hearth fireplace	Gas Insert
C-19331-A	Open hearth fireplace	Gas Insert
C-19345-A	Open hearth fireplace	Gas Insert
C-19378-A	Open hearth fireplace	Gas Insert
C-19379-A	Open hearth fireplace	Gas Insert
C-19380-A	Open hearth fireplace	Gas Insert
C-19381-A	Open hearth fireplace	Gas Insert
C-19411-A	Open hearth fireplace	Gas Insert
C-19451-A	Open hearth fireplace	Gas Insert
C-19454-A	Open hearth fireplace	Gas Insert
C-19455-A	Open hearth fireplace	Gas Insert
C-19498-A	Open hearth fireplace	Gas Insert
C-19499-A	Open hearth fireplace	Gas Insert
C-19501-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-19550-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-19551-A	Open hearth fireplace	Gas Insert
C-19552-A	Open hearth fireplace	Gas Insert
C-19731-A	Open hearth fireplace	Gas Insert
C-19757-A	Open hearth fireplace	Gas Insert
C-19758-A	Open hearth fireplace	Gas Insert
C-19759-A	Open hearth fireplace	Gas Insert
C-19845-A	Open hearth fireplace	Gas Insert
C-19848-A	Open hearth fireplace	Gas Insert
C-19848-B	Open hearth fireplace	Gas Insert
C-19887-A	Open hearth fireplace	Gas Insert
C-19888-A	Open hearth fireplace	Gas Insert
C-19889-A	Open hearth fireplace	Gas Insert
C-19941-A	Open hearth fireplace	Gas Insert
C-19942-A	Open hearth fireplace	Gas Insert
C-19961-A	Open hearth fireplace	Gas Insert
C-19963-A	Open hearth fireplace	Gas Insert
C-19964-A	Open hearth fireplace	Gas Insert
C-19981-A	Open hearth fireplace	Gas Insert
C-20010-A	Open hearth fireplace	Gas Insert
C-20012-A	Open hearth fireplace	Gas Insert
C-20013-A	Open hearth fireplace	Gas Insert
C-20032-A	Open hearth fireplace	Gas Insert
C-20033-A	Open hearth fireplace	Gas Insert
C-20034-A	Open hearth fireplace	Gas Insert
C-20036-A	Open hearth fireplace	Gas Insert
C-20095-A	Open hearth fireplace	Gas Insert
C-20096-A	Open hearth fireplace	Gas Insert
C-20097-A	Open hearth fireplace	Gas Insert
C-20098-A	Open hearth fireplace	Gas Insert
C-20161-A	Open hearth fireplace	Gas Insert
C-20198-A	Open hearth fireplace	Gas Insert
C-20199-A	Open hearth fireplace	Gas Insert
C-20200-A	Open hearth fireplace	Gas Insert
C-20203-A	Open hearth fireplace	Gas Insert
C-20211-A	Open hearth fireplace	Gas Insert
C-20228-A	Open hearth fireplace	Gas Insert
C-20239-A	Open hearth fireplace	Gas Insert
C-20249-A	Open hearth fireplace	Gas Insert
C-20250-A	Open hearth fireplace	Gas Insert
C-20254-A	Open hearth fireplace	Gas Insert
C-20286-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-20287-A	Open hearth fireplace	Gas Insert
C-20288-A	Open hearth fireplace	Gas Insert
C-20290-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-20291-A	Open hearth fireplace	Gas Insert
C-20297-A	Open hearth fireplace	Gas Insert
C-20316-A	Open hearth fireplace	Gas Insert
C-20335-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-20336-A	Open hearth fireplace	Gas Insert
C-20342-A	Open hearth fireplace	Gas Insert
C-20344-A	Open hearth fireplace	Gas Insert
C-20347-A	Open hearth fireplace	Gas Insert
C-20363-A	Open hearth fireplace	Gas Insert
C-20412-A	Open hearth fireplace	Gas Insert
C-20414-A	Open hearth fireplace	Gas Insert
C-20415-A	Open hearth fireplace	Gas Insert
C-20416-A	Open hearth fireplace	Gas Insert
C-20417-A	Open hearth fireplace	Gas Insert
C-20436-A	Open hearth fireplace	Gas Insert
C-20465-A	Open hearth fireplace	Gas Insert
C-20480-A	Open hearth fireplace	Gas Insert
C-20481-A	Open hearth fireplace	Gas Insert
C-20482-A	Open hearth fireplace	Gas Insert
C-20483-A	Open hearth fireplace	Gas Insert
C-20506-A	Open hearth fireplace	Gas Insert
C-20509-A	Open hearth fireplace	Gas Insert
C-20510-A	Open hearth fireplace	Gas Insert
C-20527-A	Open hearth fireplace	Gas Insert
C-20528-A	Open hearth fireplace	Gas Insert
C-20529-A	Open hearth fireplace	Gas Insert
C-20530-A	Open hearth fireplace	Gas Insert
C-20552-A	Open hearth fireplace	Gas Insert
C-20561-A	Open hearth fireplace	Gas Insert
C-20563-A	Open hearth fireplace	Gas Insert
C-20568-A	Open hearth fireplace	Gas Insert
C-20593-A	Open hearth fireplace	Gas Insert
C-20599-A	Open hearth fireplace	Gas Insert
C-20602-A	Open hearth fireplace	Gas Insert
C-20624-A	Open hearth fireplace	Gas Insert
C-20676-A	Open hearth fireplace	Gas Insert
C-20677-A	Open hearth fireplace	Gas Insert
C-20678-A	Open hearth fireplace	Gas Insert
C-20679-A	Open hearth fireplace	Gas Insert
C-20680-A	Open hearth fireplace	Gas Insert
C-20682-A	Open hearth fireplace	Gas Insert
C-20683-A	Open hearth fireplace	Gas Insert
C-20684-A	Open hearth fireplace	Gas Insert
C-20707-A	Open hearth fireplace	Gas Insert
C-20708-A	Open hearth fireplace	Gas Insert
C-20709-A	Open hearth fireplace	Gas Insert
C-20711-A	Open hearth fireplace	Gas Insert
C-20752-A	Open hearth fireplace	Gas Insert
C-20753-A	Open hearth fireplace	Gas Insert
C-20754-A	Open hearth fireplace	Gas Insert
C-20755-A	Open hearth fireplace	Gas Insert
C-20757-A	Open hearth fireplace	Gas Insert
C-20758-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-20759-A	Open hearth fireplace	Gas Insert
C-20760-A	Open hearth fireplace	Gas Insert
C-20761-A	Open hearth fireplace	Gas Insert
C-20762-A	Open hearth fireplace	Gas Insert
C-20764-A	Open hearth fireplace	Gas Insert
C-20783-A	Open hearth fireplace	Gas Insert
C-20784-A	Open hearth fireplace	Gas Insert
C-20785-A	Open hearth fireplace	Gas Insert
C-20786-A	Open hearth fireplace	Gas Insert
C-20787-A	Open hearth fireplace	Gas Insert
C-20814-A	Open hearth fireplace	Gas Insert
C-20815-A	Open hearth fireplace	Gas Insert
C-20816-A	Open hearth fireplace	Gas Insert
C-20818-A	Open hearth fireplace	Gas Insert
C-20819-A	Open hearth fireplace	Gas Insert
C-20820-A	Open hearth fireplace	Gas Insert
C-20821-A	Open hearth fireplace	Gas Insert
C-20822-A	Open hearth fireplace	Gas Insert
C-20823-A	Open hearth fireplace	Gas Insert
C-20824-A	Open hearth fireplace	Gas Insert
C-20858-A	Open hearth fireplace	Gas Insert
C-20860-A	Open hearth fireplace	Gas Insert
C-20862-A	Open hearth fireplace	Gas Insert
C-20863-A	Open hearth fireplace	Gas Insert
C-20864-A	Open hearth fireplace	Gas Insert
C-20865-A	Open hearth fireplace	Gas Insert
C-20866-A	Open hearth fireplace	Gas Insert
C-20911-A	Open hearth fireplace	Gas Insert
C-20913-A	Open hearth fireplace	Gas Insert
C-20915-A	Open hearth fireplace	Gas Insert
C-20917-A	Open hearth fireplace	Gas Insert
C-20919-A	Open hearth fireplace	Gas Insert
C-20934-A	Open hearth fireplace	Gas Insert
C-20935-A	Open hearth fireplace	Gas Insert
C-20937-A	Open hearth fireplace	Gas Insert
C-20939-A	Open hearth fireplace	Gas Insert
C-20940-A	Open hearth fireplace	Gas Insert
C-20941-A	Open hearth fireplace	Gas Insert
C-20942-A	Open hearth fireplace	Gas Insert
C-20943-A	Open hearth fireplace	Gas Insert
C-20946-A	Open hearth fireplace	Gas Insert
C-20947-A	Open hearth fireplace	Gas Insert
C-20948-A	Open hearth fireplace	Gas Insert
C-20949-A	Open hearth fireplace	Gas Insert
C-20950-A	Open hearth fireplace	Gas Insert
C-20975-A	Open hearth fireplace	Gas Insert
C-20976-A	Open hearth fireplace	Gas Insert
C-20978-A	Open hearth fireplace	Gas Insert
C-20979-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-20981-A	Open hearth fireplace	Gas Insert
C-20982-A	Open hearth fireplace	Gas Insert
C-20983-A	Open hearth fireplace	Gas Insert
C-20985-A	Open hearth fireplace	Gas Insert
C-21015-A	Open hearth fireplace	Gas Insert
C-21016-A	Open hearth fireplace	Gas Insert
C-21017-A	Open hearth fireplace	Gas Insert
C-21018-A	Open hearth fireplace	Gas Insert
C-21041-A	Open hearth fireplace	Gas Insert
C-21042-A	Open hearth fireplace	Gas Insert
C-21066-A	Open hearth fireplace	Gas Insert
C-21067-A	Open hearth fireplace	Gas Insert
C-21070-A	Open hearth fireplace	Gas Insert
C-21074-A	Open hearth fireplace	Gas Insert
C-21076-A	Open hearth fireplace	Gas Insert
C-21077-A	Open hearth fireplace	Gas Insert
C-21078-A	Open hearth fireplace	Gas Insert
C-21079-A	Open hearth fireplace	Gas Insert
C-21080-A	Open hearth fireplace	Gas Insert
C-21111-A	Open hearth fireplace	Gas Insert
C-21112-A	Open hearth fireplace	Gas Insert
C-21113-A	Open hearth fireplace	Gas Insert
C-21115-A	Open hearth fireplace	Gas Insert
C-21116-A	Open hearth fireplace	Gas Insert
C-21117-A	Open hearth fireplace	Gas Insert
C-21118-A	Open hearth fireplace	Gas Insert
C-21121-A	Open hearth fireplace	Gas Insert
C-21122-A	Open hearth fireplace	Gas Insert
C-21134-A	Open hearth fireplace	Gas Insert
C-21135-A	Open hearth fireplace	Gas Insert
C-21136-A	Open hearth fireplace	Gas Insert
C-21137-A	Open hearth fireplace	Gas Insert
C-21138-A	Open hearth fireplace	Gas Insert
C-21139-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-21142-A	Open hearth fireplace	Gas Insert
C-21143-A	Open hearth fireplace	Gas Insert
C-21217-A	Open hearth fireplace	Gas Insert
C-21218-A	Open hearth fireplace	Gas Insert
C-21220-A	Open hearth fireplace	Gas Insert
C-21221-A	Open hearth fireplace	Gas Insert
C-21222-A	Open hearth fireplace	Gas Insert
C-21223-A	Open hearth fireplace	Gas Insert
C-21224-A	Open hearth fireplace	Gas Insert
C-21227-A	Open hearth fireplace	Gas Insert
C-21230-A	Open hearth fireplace	Gas Insert
C-21231-A	Open hearth fireplace	Gas Insert
C-21416-A	Open hearth fireplace	Gas Insert
C-21418-A	Open hearth fireplace	Gas Insert
C-21419-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-21421-A	Open hearth fireplace	Gas Insert
C-21426-A	Open hearth fireplace	Gas Insert
C-21427-A	Open hearth fireplace	Gas Insert
C-21428-A	Open hearth fireplace	Gas Insert
C-21429-A	Open hearth fireplace	Gas Insert
C-21492-A	Open hearth fireplace	Gas Insert
C-21611-A	Open hearth fireplace	Gas Insert
C-21612-A	Open hearth fireplace	Gas Insert
C-21621-A	Open hearth fireplace	Gas Insert
C-21624-A	Open hearth fireplace	Gas Insert
C-21629-A	Open hearth fireplace	Gas Insert
C-21630-A	Open hearth fireplace	Gas Insert
C-21632-A	Open hearth fireplace	Gas Insert
C-21633-A	Open hearth fireplace	Gas Insert
C-21634-A	Open hearth fireplace	Gas Insert
C-21636-A	Open hearth fireplace	Gas Insert
C-21637-A	Open hearth fireplace	Gas Insert
C-21639-A	Open hearth fireplace	Gas Insert
C-21663-A	Open hearth fireplace	Gas Insert
C-21665-A	Open hearth fireplace	Gas Insert
C-21667-A	Open hearth fireplace	Gas Insert
C-21669-A	Open hearth fireplace	Gas Insert
C-21670-A	Open hearth fireplace	Gas Insert
C-21671-A	Open hearth fireplace	Gas Insert
C-21773-A	Open hearth fireplace	Gas Insert
C-21776-A	Open hearth fireplace	Gas Insert
C-21777-A	Open hearth fireplace	Gas Insert
C-21778-A	Open hearth fireplace	Gas Insert
C-21779-A	Open hearth fireplace	Gas Insert
C-21780-A	Open hearth fireplace	Gas Insert
C-21781-A	Open hearth fireplace	Gas Insert
C-21782-A	Open hearth fireplace	Gas Insert
C-21783-A	Open hearth fireplace	Gas Insert
C-21787-A	Open hearth fireplace	Gas Insert
C-21788-A	Open hearth fireplace	Gas Insert
C-21789-A	Open hearth fireplace	Gas Insert
C-21790-A	Open hearth fireplace	Gas Insert
C-21791-A	Open hearth fireplace	Gas Insert
C-21793-A	Open hearth fireplace	Gas Insert
C-21796-A	Open hearth fireplace	Gas Insert
C-21798-A	Open hearth fireplace	Gas Insert
C-21800-A	Open hearth fireplace	Gas Insert
C-21802-A	Open hearth fireplace	Gas Insert
C-21803-A	Open hearth fireplace	Gas Insert
C-21805-A	Open hearth fireplace	Gas Insert
C-21844-A	Open hearth fireplace	Gas Insert
C-21845-A	Open hearth fireplace	Gas Insert
C-21852-A	Open hearth fireplace	Gas Insert
C-21853-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-21855-A	Open hearth fireplace	Gas Insert
C-21895-A	Open hearth fireplace	Gas Insert
C-21927-A	Open hearth fireplace	Gas Insert
C-21931-A	Open hearth fireplace	Gas Insert
C-21933-A	Open hearth fireplace	Gas Insert
C-21934-A	Open hearth fireplace	Gas Insert
C-21935-A	Open hearth fireplace	Gas Insert
C-21936-A	Open hearth fireplace	Gas Insert
C-21938-A	Open hearth fireplace	Gas Insert
C-21939-A	Open hearth fireplace	Gas Insert
C-21941-A	Open hearth fireplace	Gas Insert
C-21946-A	Open hearth fireplace	Gas Insert
C-21948-A	Open hearth fireplace	Gas Insert
C-21949-A	Open hearth fireplace	Gas Insert
C-21950-A	Open hearth fireplace	Gas Insert
C-21953-A	Open hearth fireplace	Gas Insert
C-21954-A	Open hearth fireplace	Gas Insert
C-21957-A	Open hearth fireplace	Gas Insert
C-21960-A	Open hearth fireplace	Gas Insert
C-21963-A	Open hearth fireplace	Gas Insert
C-21965-A	Open hearth fireplace	Gas Insert
C-21968-A	Open hearth fireplace	Gas Insert
C-22002-A	Open hearth fireplace	Gas Insert
C-22004-A	Open hearth fireplace	Gas Insert
C-22007-A	Open hearth fireplace	Gas Insert
C-22008-A	Open hearth fireplace	Gas Insert
C-22009-A	Open hearth fireplace	Gas Insert
C-22059-A	Open hearth fireplace	Gas Insert
C-22061-A	Open hearth fireplace	Gas Insert
C-22061-B	Open hearth fireplace	Gas Insert
C-22063-A	Open hearth fireplace	Gas Insert
C-22080-A	Open hearth fireplace	Gas Insert
C-22083-A	Open hearth fireplace	Gas Insert
C-22084-A	Open hearth fireplace	Gas Insert
C-22085-A	Open hearth fireplace	Gas Insert
C-22087-A	Open hearth fireplace	Gas Insert
C-22098-A	Open hearth fireplace	Gas Insert
C-22099-A	Open hearth fireplace	Gas Insert
C-22101-A	Open hearth fireplace	Gas Insert
C-22102-A	Open hearth fireplace	Gas Insert
C-22104-A	Open hearth fireplace	Gas Insert
C-22104-B	Open hearth fireplace	Gas Insert
C-22106-A	Open hearth fireplace	Gas Insert
C-22108-A	Open hearth fireplace	Gas Insert
C-22110-A	Open hearth fireplace	Gas Insert
C-22113-A	Open hearth fireplace	Gas Insert
C-22115-A	Open hearth fireplace	Gas Insert
C-22116-A	Open hearth fireplace	Gas Insert
C-22117-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-22120-A	Open hearth fireplace	Gas Insert
C-22123-A	Open hearth fireplace	Gas Insert
C-22126-A	Open hearth fireplace	Gas Insert
C-22127-A	Open hearth fireplace	Gas Insert
C-22137-A	Open hearth fireplace	Gas Insert
C-22138-A	Open hearth fireplace	Gas Insert
C-22139-A	Open hearth fireplace	Gas Insert
C-22166-A	Open hearth fireplace	Gas Insert
C-22167-A	Open hearth fireplace	Gas Insert
C-22168-A	Open hearth fireplace	Gas Insert
C-22169-A	Open hearth fireplace	Gas Insert
C-22170-A	Open hearth fireplace	Gas Insert
C-22171-A	Open hearth fireplace	Gas Insert
C-22172-A	Open hearth fireplace	Gas Insert
C-22173-A	Open hearth fireplace	Gas Insert
C-22206-A	Open hearth fireplace	Gas Insert
C-22207-A	Open hearth fireplace	Gas Insert
C-22211-A	Open hearth fireplace	Gas Insert
C-22221-A	Open hearth fireplace	Gas Insert
C-22222-A	Open hearth fireplace	Gas Insert
C-22224-A	Open hearth fireplace	Gas Insert
C-22225-A	Open hearth fireplace	Gas Insert
C-22227-A	Open hearth fireplace	Gas Insert
C-22228-A	Open hearth fireplace	Gas Insert
C-22229-A	Open hearth fireplace	Gas Insert
C-22231-A	Open hearth fireplace	Gas Insert
C-22236-A	Open hearth fireplace	Gas Insert
C-22284-A	Open hearth fireplace	Gas Insert
C-22285-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-22286-A	Open hearth fireplace	Gas Insert
C-22290-A	Open hearth fireplace	Gas Insert
C-22291-A	Open hearth fireplace	Gas Insert
C-22292-A	Open hearth fireplace	Gas Insert
C-22293-A	Open hearth fireplace	Gas Insert
C-22295-A	Open hearth fireplace	Gas Insert
C-22297-A	Open hearth fireplace	Gas Insert
C-22298-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-22300-A	Open hearth fireplace	Gas Insert
C-22301-A	Open hearth fireplace	Gas Insert
C-22302-A	Open hearth fireplace	Gas Insert
C-22303-A	Open hearth fireplace	Gas Insert
C-22304-A	Open hearth fireplace	Gas Insert
C-22359-A	Open hearth fireplace	Gas Insert
C-22360-A	Open hearth fireplace	Gas Insert
C-22361-A	Open hearth fireplace	Gas Insert
C-22363-A	Open hearth fireplace	Gas Insert
C-22366-A	Open hearth fireplace	Gas Insert
C-22366-B	Open hearth fireplace	Gas Insert
C-22368-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-22369-A	Open hearth fireplace	Gas Insert
C-22370-A	Open hearth fireplace	Gas Insert
C-22372-A	Open hearth fireplace	Gas Insert
C-22373-A	Open hearth fireplace	Gas Insert
C-22374-A	Open hearth fireplace	Gas Insert
C-22375-A	Open hearth fireplace	Gas Insert
C-22376-A	Open hearth fireplace	Gas Insert
C-22377-A	Open hearth fireplace	Gas Insert
C-22378-A	Open hearth fireplace	Gas Insert
C-22379-A	Open hearth fireplace	Gas Insert
C-22380-A	Open hearth fireplace	Gas Insert
C-22382-A	Open hearth fireplace	Gas Insert
C-22383-A	Open hearth fireplace	Gas Insert
C-22384-A	Open hearth fireplace	Gas Insert
C-22385-A	Open hearth fireplace	Gas Insert
C-22386-A	Open hearth fireplace	Gas Insert
C-22390-A	Open hearth fireplace	Gas Insert
C-22395-A	Open hearth fireplace	Gas Insert
C-22398-A	Open hearth fireplace	Gas Insert
C-22400-A	Open hearth fireplace	Gas Insert
C-22407-A	Open hearth fireplace	Gas Insert
C-22408-A	Open hearth fireplace	Gas Insert
C-22410-A	Open hearth fireplace	Gas Insert
C-22411-A	Open hearth fireplace	Gas Insert
C-22412-A	Open hearth fireplace	Gas Insert
C-22414-A	Open hearth fireplace	Gas Insert
C-22415-A	Open hearth fireplace	Gas Insert
C-22417-A	Open hearth fireplace	Gas Insert
C-22419-A	Open hearth fireplace	Gas Insert
C-22445-A	Open hearth fireplace	Gas Insert
C-22446-A	Open hearth fireplace	Gas Insert
C-22451-A	Open hearth fireplace	Gas Insert
C-22452-A	Open hearth fireplace	Gas Insert
C-22453-A	Open hearth fireplace	Gas Insert
C-22456-A	Open hearth fireplace	Gas Insert
C-22456-B	Open hearth fireplace	Gas Insert
C-22457-A	Open hearth fireplace	Gas Insert
C-22458-A	Open hearth fireplace	Gas Insert
C-22460-A	Open hearth fireplace	Gas Insert
C-22461-A	Open hearth fireplace	Gas Insert
C-22463-A	Open hearth fireplace	Gas Insert
C-22464-A	Open hearth fireplace	Gas Insert
C-22467-A	Open hearth fireplace	Gas Insert
C-22471-A	Open hearth fireplace	Gas Insert
C-22472-A	Open hearth fireplace	Gas Insert
C-22483-A	Open hearth fireplace	Gas Insert
C-22513-A	Open hearth fireplace	Gas Insert
C-22514-A	Open hearth fireplace	Gas Insert
C-22516-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-22517-A	Open hearth fireplace	Gas Insert
C-22518-A	Open hearth fireplace	Gas Insert
C-22519-A	Open hearth fireplace	Gas Insert
C-22522-A	Open hearth fireplace	Gas Insert
C-22525-A	Open hearth fireplace	Gas Insert
C-22526-A	Open hearth fireplace	Gas Insert
C-22527-A	Open hearth fireplace	Gas Insert
C-22528-A	Open hearth fireplace	Gas Insert
C-22529-A	Open hearth fireplace	Gas Insert
C-22532-A	Open hearth fireplace	Gas Insert
C-22535-A	Open hearth fireplace	Gas Insert
C-22552-A	Open hearth fireplace	Gas Insert
C-22553-A	Open hearth fireplace	Gas Insert
C-22554-A	Open hearth fireplace	Gas Insert
C-22560-A	Open hearth fireplace	Gas Insert
C-22583-A	Open hearth fireplace	Gas Insert
C-22585-A	Open hearth fireplace	Gas Insert
C-22586-A	Open hearth fireplace	Gas Insert
C-22587-A	Open hearth fireplace	Gas Insert
C-22590-A	Open hearth fireplace	Gas Insert
C-22591-A	Open hearth fireplace	Gas Insert
C-22592-A	Open hearth fireplace	Gas Insert
C-22593-A	Open hearth fireplace	Gas Insert
C-22594-A	Open hearth fireplace	Gas Insert
C-22643-A	Open hearth fireplace	Gas Insert
C-22644-A	Open hearth fireplace	Gas Insert
C-22645-A	Open hearth fireplace	Gas Insert
C-22646-A	Open hearth fireplace	Gas Insert
C-22647-A	Open hearth fireplace	Gas Insert
C-22648-A	Open hearth fireplace	Gas Insert
C-22649-A	Open hearth fireplace	Gas Insert
C-22650-A	Open hearth fireplace	Gas Insert
C-22652-A	Open hearth fireplace	Gas Insert
C-22680-A	Open hearth fireplace	Gas Insert
C-22684-A	Open hearth fireplace	Gas Insert
C-22685-A	Open hearth fireplace	Gas Insert
C-22686-A	Open hearth fireplace	Gas Insert
C-22696-A	Open hearth fireplace	Gas Insert
C-22698-A	Open hearth fireplace	Gas Insert
C-22700-A	Open hearth fireplace	Gas Insert
C-22701-A	Open hearth fireplace	Gas Insert
C-22712-A	Open hearth fireplace	Gas Insert
C-22727-A	Open hearth fireplace	Gas Insert
C-22728-A	Open hearth fireplace	Gas Insert
C-22729-A	Open hearth fireplace	Gas Insert
C-22730-A	Open hearth fireplace	Gas Insert
C-22731-A	Open hearth fireplace	Gas Insert
C-22735-A	Open hearth fireplace	Gas Insert
C-22739-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-22748-A	Open hearth fireplace	Gas Insert
C-22750-A	Open hearth fireplace	Gas Insert
C-22752-A	Open hearth fireplace	Gas Insert
C-22755-A	Open hearth fireplace	Gas Insert
C-22756-A	Open hearth fireplace	Gas Insert
C-22758-A	Open hearth fireplace	Gas Insert
C-22761-A	Open hearth fireplace	Gas Insert
C-22762-A	Open hearth fireplace	Gas Insert
C-22765-A	Open hearth fireplace	Gas Insert
C-22771-A	Open hearth fireplace	Gas Insert
C-22775-A	Open hearth fireplace	Gas Insert
C-22816-A	Open hearth fireplace	Gas Insert
C-22821-A	Open hearth fireplace	Gas Insert
C-22822-A	Open hearth fireplace	Gas Insert
C-22823-A	Open hearth fireplace	Gas Insert
C-22824-A	Open hearth fireplace	Gas Insert
C-22864-A	Open hearth fireplace	Gas Insert
C-22865-A	Open hearth fireplace	Gas Insert
C-22867-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-22868-A	Open hearth fireplace	Gas Insert
C-22869-A	Open hearth fireplace	Gas Insert
C-22870-A	Open hearth fireplace	Gas Insert
C-22872-A	Open hearth fireplace	Gas Insert
C-22873-A	Open hearth fireplace	Gas Insert
C-22911-A	Open hearth fireplace	Gas Insert
C-22917-A	Open hearth fireplace	Gas Insert
C-22919-A	Open hearth fireplace	Gas Insert
C-22925-A	Open hearth fireplace	Gas Insert
C-22957-A	Open hearth fireplace	Gas Insert
C-22958-A	Open hearth fireplace	Gas Insert
C-22959-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-22960-A	Open hearth fireplace	Gas Insert
C-22962-A	Open hearth fireplace	Gas Insert
C-22964-A	Open hearth fireplace	Gas Insert
C-22966-A	Open hearth fireplace	Gas Insert
C-22968-A	Open hearth fireplace	Gas Insert
C-22969-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-22970-A	Open hearth fireplace	Gas Insert
C-22972-A	Open hearth fireplace	Gas Insert
C-22976-A	Open hearth fireplace	Gas Insert
C-22977-A	Open hearth fireplace	Gas Insert
C-22978-A	Open hearth fireplace	Gas Insert
C-22979-A	Open hearth fireplace	Gas Insert
C-22981-A	Open hearth fireplace	Gas Insert
C-22995-A	Open hearth fireplace	Gas Insert
C-23000-A	Open hearth fireplace	Gas Insert
C-23008-A	Open hearth fireplace	Gas Insert
C-23037-A	Open hearth fireplace	Gas Insert
C-23038-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-23039-A	Open hearth fireplace	Gas Insert
C-23040-A	Open hearth fireplace	Gas Insert
C-23070-A	Open hearth fireplace	Gas Insert
C-23073-A	Open hearth fireplace	Gas Insert
C-23078-A	Open hearth fireplace	Gas Insert
C-23079-A	Open hearth fireplace	Gas Insert
C-23081-A	Open hearth fireplace	Gas Insert
C-23082-A	Open hearth fireplace	Gas Insert
C-23083-A	Open hearth fireplace	Gas Insert
C-23084-A	Open hearth fireplace	Gas Insert
C-23086-A	Open hearth fireplace	Gas Insert
C-23087-A	Open hearth fireplace	Gas Insert
C-23088-A	Open hearth fireplace	Gas Insert
C-23089-A	Open hearth fireplace	Gas Insert
C-23090-A	Open hearth fireplace	Gas Insert
C-23116-A	Open hearth fireplace	Gas Insert
C-23131-A	Open hearth fireplace	Gas Insert
C-23133-A	Open hearth fireplace	Gas Insert
C-23135-A	Open hearth fireplace	Gas Insert
C-23141-A	Open hearth fireplace	Gas Insert
C-23142-A	Open hearth fireplace	Gas Insert
C-23143-A	Open hearth fireplace	Gas Insert
C-23151-A	Open hearth fireplace	Gas Insert
C-23152-A	Open hearth fireplace	Gas Insert
C-23162-A	Open hearth fireplace	Gas Insert
C-23165-A	Open hearth fireplace	Gas Insert
C-23171-A	Open hearth fireplace	Gas Insert
C-23173-A	Open hearth fireplace	Gas Insert
C-23185-A	Open hearth fireplace	Gas Insert
C-23197-A	Open hearth fireplace	Gas Insert
C-23198-A	Open hearth fireplace	Gas Insert
C-23199-A	Open hearth fireplace	Gas Insert
C-23200-A	Open hearth fireplace	Gas Insert
C-23201-A	Open hearth fireplace	Gas Insert
C-23203-A	Open hearth fireplace	Gas Insert
C-23205-A	Open hearth fireplace	Gas Insert
C-23208-A	Open hearth fireplace	Gas Insert
C-23209-A	Open hearth fireplace	Gas Insert
C-23212-A	Open hearth fireplace	Gas Insert
C-23213-A	Open hearth fireplace	Gas Insert
C-23215-A	Open hearth fireplace	Gas Insert
C-23216-A	Open hearth fireplace	Gas Insert
C-23226-A	Open hearth fireplace	Gas Insert
C-23233-A	Open hearth fireplace	Gas Insert
C-23239-A	Open hearth fireplace	Gas Insert
C-23240-A	Open hearth fireplace	Gas Insert
C-23251-A	Open hearth fireplace	Gas Insert
C-23276-A	Open hearth fireplace	Gas Insert
C-23278-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-23289-A	Open hearth fireplace	Gas Insert
C-23291-A	Open hearth fireplace	Gas Insert
C-23294-A	Open hearth fireplace	Gas Insert
C-23295-A	Open hearth fireplace	Gas Insert
C-23296-A	Open hearth fireplace	Gas Insert
C-23297-A	Open hearth fireplace	Gas Insert
C-23321-A	Open hearth fireplace	Gas Insert
C-23323-A	Open hearth fireplace	Gas Insert
C-23326-A	Open hearth fireplace	Gas Insert
C-23328-A	Open hearth fireplace	Gas Insert
C-23330-A	Open hearth fireplace	Gas Insert
C-23331-A	Open hearth fireplace	Gas Insert
C-23332-A	Open hearth fireplace	Gas Insert
C-23333-A	Open hearth fireplace	Gas Insert
C-23335-A	Open hearth fireplace	Gas Insert
C-23347-A	Open hearth fireplace	Gas Insert
C-23379-A	Open hearth fireplace	Gas Insert
C-23380-A	Open hearth fireplace	Gas Insert
C-23381-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-23382-A	Open hearth fireplace	Gas Insert
C-23384-A	Open hearth fireplace	Gas Insert
C-23399-A	Open hearth fireplace	Gas Insert
C-23427-A	Open hearth fireplace	Gas Insert
C-23428-A	Open hearth fireplace	Gas Insert
C-23430-A	Open hearth fireplace	Gas Insert
C-23434-A	Open hearth fireplace	Gas Insert
C-23435-A	Open hearth fireplace	Gas Insert
C-23437-A	Open hearth fireplace	Gas Insert
C-23438-A	Open hearth fireplace	Gas Insert
C-23439-A	Open hearth fireplace	Gas Insert
C-23440-A	Open hearth fireplace	Gas Insert
C-23441-A	Open hearth fireplace	Gas Insert
C-23444-A	Open hearth fireplace	Gas Insert
C-23450-A	Open hearth fireplace	Gas Insert
C-23451-A	Open hearth fireplace	Gas Insert
C-23452-A	Open hearth fireplace	Gas Insert
C-23454-A	Open hearth fireplace	Gas Insert
C-23455-A	Open hearth fireplace	Gas Insert
C-23457-A	Open hearth fireplace	Gas Insert
C-23458-A	Open hearth fireplace	Gas Insert
C-23459-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-23484-A	Open hearth fireplace	Gas Insert
C-23485-A	Open hearth fireplace	Gas Insert
C-23487-A	Open hearth fireplace	Gas Insert
C-23489-A	Open hearth fireplace	Gas Insert
C-23491-A	Open hearth fireplace	Gas Insert
C-23508-A	Open hearth fireplace	Gas Insert
C-23511-A	Open hearth fireplace	Gas Insert
C-23512-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-23561-A	Open hearth fireplace	Gas Insert
C-23562-A	Open hearth fireplace	Gas Insert
C-23563-A	Open hearth fireplace	Gas Insert
C-23569-A	Open hearth fireplace	Gas Insert
C-23616-A	Open hearth fireplace	Gas Insert
C-23618-A	Open hearth fireplace	Gas Insert
C-23619-A	Open hearth fireplace	Gas Insert
C-23621-A	Open hearth fireplace	Gas Insert
C-23622-A	Open hearth fireplace	Gas Insert
C-23623-A	Open hearth fireplace	Gas Insert
C-23624-A	Open hearth fireplace	Gas Insert
C-23625-A	Open hearth fireplace	Gas Insert
C-23625-B	Open hearth fireplace	Gas Insert
C-23629-A	Open hearth fireplace	Gas Insert
C-23630-A	Open hearth fireplace	Gas Insert
C-23632-A	Open hearth fireplace	Gas Insert
C-23633-A	Open hearth fireplace	Gas Insert
C-23668-A	Open hearth fireplace	Gas Insert
C-23669-A	Open hearth fireplace	Gas Insert
C-23670-A	Open hearth fireplace	Gas Insert
C-23671-A	Open hearth fireplace	Gas Insert
C-23672-A	Open hearth fireplace	Gas Insert
C-23683-A	Open hearth fireplace	Gas Insert
C-23684-A	Open hearth fireplace	Gas Insert
C-23684-B	Open hearth fireplace	Gas Insert
C-23729-A	Open hearth fireplace	Gas Insert
C-23730-A	Open hearth fireplace	Gas Insert
C-23732-A	Open hearth fireplace	Gas Insert
C-23769-A	Open hearth fireplace	Gas Insert
C-23771-A	Open hearth fireplace	Gas Insert
C-23773-A	Open hearth fireplace	Gas Insert
C-23774-A	Open hearth fireplace	Gas Insert
C-23777-A	Open hearth fireplace	Gas Insert
C-23779-A	Open hearth fireplace	Gas Insert
C-23780-A	Open hearth fireplace	Gas Insert
C-23781-A	Open hearth fireplace	Gas Insert
C-23782-A	Open hearth fireplace	Gas Insert
C-23802-A	Open hearth fireplace	Gas Insert
C-23804-A	Open hearth fireplace	Gas Insert
C-23806-A	Open hearth fireplace	Gas Insert
C-23808-A	Open hearth fireplace	Gas Insert
C-23809-A	Open hearth fireplace	Gas Insert
C-23810-A	Open hearth fireplace	Gas Insert
C-23854-A	Open hearth fireplace	Gas Insert
C-23855-A	Open hearth fireplace	Gas Insert
C-23856-A	Open hearth fireplace	Gas Insert
C-23865-A	Open hearth fireplace	Gas Insert
C-23921-A	Open hearth fireplace	Gas Insert
C-23922-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-23923-A	Open hearth fireplace	Gas Insert
C-23924-A	Open hearth fireplace	Gas Insert
C-23925-A	Open hearth fireplace	Gas Insert
C-23926-A	Open hearth fireplace	Gas Insert
C-23927-A	Open hearth fireplace	Gas Insert
C-23930-A	Open hearth fireplace	Gas Insert
C-23931-A	Open hearth fireplace	Gas Insert
C-23932-A	Open hearth fireplace	Gas Insert
C-23933-A	Open hearth fireplace	Gas Insert
C-23935-A	Open hearth fireplace	Gas Insert
C-23936-A	Open hearth fireplace	Gas Insert
C-23957-A	Open hearth fireplace	Gas Insert
C-23959-A	Open hearth fireplace	Gas Insert
C-23960-A	Open hearth fireplace	Gas Insert
C-23961-A	Open hearth fireplace	Gas Insert
C-23962-A	Open hearth fireplace	Gas Insert
C-23965-A	Open hearth fireplace	Gas Insert
C-23968-A	Open hearth fireplace	Gas Insert
C-23989-A	Open hearth fireplace	Gas Insert
C-23991-A	Open hearth fireplace	Gas Insert
C-23992-A	Open hearth fireplace	Gas Insert
C-23996-A	Open hearth fireplace	Gas Insert
C-24041-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-24043-A	Open hearth fireplace	Gas Insert
C-24048-A	Open hearth fireplace	Gas Insert
C-24067-A	Open hearth fireplace	Gas Insert
C-24070-A	Open hearth fireplace	Gas Insert
C-24104-A	Open hearth fireplace	Gas Insert
C-24171-A	Open hearth fireplace	Gas Insert
C-24173-A	Open hearth fireplace	Gas Insert
C-24175-A	Open hearth fireplace	Gas Insert
C-24176-A	Open hearth fireplace	Gas Insert
C-24177-A	Open hearth fireplace	Gas Insert
C-24178-A	Open hearth fireplace	Gas Insert
C-24180-A	Open hearth fireplace	Gas Insert
C-24183-A	Open hearth fireplace	Gas Insert
C-24184-A	Open hearth fireplace	Gas Insert
C-24224-A	Open hearth fireplace	Gas Insert
C-24225-A	Open hearth fireplace	Gas Insert
C-24226-A	Open hearth fireplace	Gas Insert
C-24251-A	Open hearth fireplace	Gas Insert
C-24253-A	Open hearth fireplace	Gas Insert
C-24270-A	Open hearth fireplace	Gas Insert
C-24291-A	Open hearth fireplace	Gas Insert
C-24293-A	Open hearth fireplace	Gas Insert
C-24299-A	Open hearth fireplace	Gas Insert
C-24300-A	Open hearth fireplace	Gas Insert
C-24301-A	Open hearth fireplace	Gas Insert
C-24345-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-24346-A	Open hearth fireplace	Gas Insert
C-24352-A	Open hearth fireplace	Gas Insert
C-24372-A	Open hearth fireplace	Gas Insert
C-24377-A	Open hearth fireplace	Gas Insert
C-24378-A	Open hearth fireplace	Gas Insert
C-24380-A	Open hearth fireplace	Gas Insert
C-24381-A	Open hearth fireplace	Gas Insert
C-24382-A	Open hearth fireplace	Gas Insert
C-24383-A	Open hearth fireplace	Gas Insert
C-24411-A	Open hearth fireplace	Gas Insert
C-24417-A	Open hearth fireplace	Gas Insert
C-24461-A	Open hearth fireplace	Gas Insert
C-24462-A	Open hearth fireplace	Gas Insert
C-24505-A	Open hearth fireplace	Gas Insert
C-24508-A	Open hearth fireplace	Gas Insert
C-24509-A	Open hearth fireplace	Gas Insert
C-24540-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-24569-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-24570-A	Open hearth fireplace	Gas Insert
C-24584-A	Open hearth fireplace	Gas Insert
C-24642-A	Open hearth fireplace	Gas Insert
C-24671-A	Open hearth fireplace	Gas Insert
C-24672-A	Open hearth fireplace	Gas Insert
C-24715-A	Open hearth fireplace	Gas Insert
C-24724-A	Open hearth fireplace	Gas Insert
C-24772-A	Open hearth fireplace	Gas Insert
C-24790-A	Open hearth fireplace	Gas Insert
C-24793-A	Open hearth fireplace	Gas Insert
C-24795-A	Open hearth fireplace	Gas Insert
C-24816-A	Open hearth fireplace	Gas Insert
C-24859-A	Open hearth fireplace	Gas Insert
C-24862-A	Open hearth fireplace	Gas Insert
C-24864-A	Open hearth fireplace	Gas Insert
C-24926-A	Open hearth fireplace	Gas Insert
C-24929-A	Open hearth fireplace	Gas Insert
C-25044-A	Open hearth fireplace	Gas Insert
C-25045-A	Open hearth fireplace	Gas Insert
C-25085-A	Open hearth fireplace	Gas Insert
C-25150-A	Open hearth fireplace	Gas Insert
C-25158-A	Open hearth fireplace	Gas Insert
C-25180-A	Open hearth fireplace	Gas Insert
C-25181-A	Open hearth fireplace	Gas Insert
C-25236-A	Open hearth fireplace	Gas Insert
C-25238-A	Open hearth fireplace	Gas Insert
C-25281-A	Open hearth fireplace	Gas Insert
C-25298-A	Open hearth fireplace	Gas Insert
C-25401-A	Open hearth fireplace	Gas Insert
C-25431-A	Open hearth fireplace	Gas Insert
C-25460-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-25461-A	Open hearth fireplace	Gas Insert
C-25488-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-25525-A	Open hearth fireplace	Gas Insert
C-25549-A	Open hearth fireplace	Gas Insert
C-25585-A	Open hearth fireplace	Gas Insert
C-25656-A	Open hearth fireplace	Gas Insert
C-25658-A	Open hearth fireplace	Gas Insert
C-25662-A	Open hearth fireplace	Gas Insert
C-25698-A	Open hearth fireplace	Gas Insert
C-25700-A	Open hearth fireplace	Gas Insert
C-25708-A	Open hearth fireplace	Gas Insert
C-25727-A	Open hearth fireplace	Gas Insert
C-25819-A	Open hearth fireplace	Gas Insert
C-25853-A	Open hearth fireplace	Gas Insert
C-25854-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-25909-A	Open hearth fireplace	Gas Insert
C-25936-A	Open hearth fireplace	Gas Insert
C-25938-A	Open hearth fireplace	Gas Insert
C-26016-A	Open hearth fireplace	Gas Insert
C-26017-A	Open hearth fireplace	Gas Insert
C-26018-A	Open hearth fireplace	Gas Insert
C-26020-A	Open hearth fireplace	Gas Insert
C-26046-A	Open hearth fireplace	Gas Insert
C-26056-A	Open hearth fireplace	Gas Insert
C-26057-B	Open hearth fireplace	Gas Insert
C-26082-A	Open hearth fireplace	Gas Insert
C-26084-A	Open hearth fireplace	Gas Insert
C-26086-A	Open hearth fireplace	Gas Insert
C-26099-A	Open hearth fireplace	Gas Insert
C-26102-A	Open hearth fireplace	Gas Insert
C-26107-A	Open hearth fireplace	Gas Insert
C-26108-A	Open hearth fireplace	Gas Insert
C-26110-A	Open hearth fireplace	Gas Insert
C-26114-A	Open hearth fireplace	Gas Insert
C-26115-A	Open hearth fireplace	Gas Insert
C-26116-A	Open hearth fireplace	Gas Insert
C-26137-A	Open hearth fireplace	Gas Insert
C-26138-A	Open hearth fireplace	Gas Insert
C-26165-A	Open hearth fireplace	Gas Insert
C-26166-A	Open hearth fireplace	Gas Insert
C-26207-A	Open hearth fireplace	Gas Insert
C-26208-A	Open hearth fireplace	Gas Insert
C-26209-A	Open hearth fireplace	Gas Insert
C-26237-A	Open hearth fireplace	Gas Insert
C-26238-A	Open hearth fireplace	Gas Insert
C-26239-A	Open hearth fireplace	Freestanding gas stove
C-26240-A	Open hearth fireplace	Gas Insert
C-26253-A	Open hearth fireplace	Gas Insert
C-26254-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-26255-A	Open hearth fireplace	Gas Insert
C-26280-A	Open hearth fireplace	Gas Insert
C-26333-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-26334-A	Open hearth fireplace	Gas Insert
C-26336-A	Open hearth fireplace	Gas Insert
C-26337-A	Open hearth fireplace	Gas Insert
C-26341-A	Open hearth fireplace	Gas Insert
C-26366-A	Open hearth fireplace	Gas Insert
C-26392-A	Open hearth fireplace	Gas Insert
C-26414-A	Open hearth fireplace	Gas Insert
C-26416-A	Open hearth fireplace	Gas Insert
C-26417-A	Open hearth fireplace	Gas Insert
C-26418-A	Open hearth fireplace	Gas Insert
C-26437-A	Open hearth fireplace	Gas Insert
C-26484-A	Open hearth fireplace	Gas Insert
C-26485-A	Open hearth fireplace	Gas Insert
C-26487-A	Open hearth fireplace	Gas Insert
C-26489-A	Open hearth fireplace	Gas Insert
C-26490-A	Open hearth fireplace	Gas Insert
C-26498-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-26512-A	Open hearth fireplace	Gas Insert
C-26513-A	Open hearth fireplace	Gas Insert
C-26592-A	Open hearth fireplace	Gas Insert
C-26593-A	Open hearth fireplace	Gas Insert
C-26596-A	Open hearth fireplace	Gas Insert
C-26597-A	Open hearth fireplace	Gas Insert
C-26598-A	Open hearth fireplace	Gas Insert
C-26599-A	Open hearth fireplace	Gas Insert
C-26601-A	Open hearth fireplace	Gas Insert
C-26602-A	Open hearth fireplace	Gas Insert
C-26604-A	Open hearth fireplace	Gas Insert
C-26605-A	Open hearth fireplace	Gas Insert
C-26607-A	Open hearth fireplace	Gas Insert
C-26610-A	Open hearth fireplace	Gas Insert
C-26626-A	Open hearth fireplace	Gas Insert
C-26661-A	Open hearth fireplace	Gas Insert
C-26677-A	Open hearth fireplace	Gas Insert
C-26678-A	Open hearth fireplace	Gas Insert
C-26711-A	Open hearth fireplace	Gas Insert
C-26715-A	Open hearth fireplace	Gas Insert
C-26716-A	Open hearth fireplace	Gas Insert
C-26733-A	Open hearth fireplace	Gas Insert
C-26735-A	Open hearth fireplace	Gas Insert
C-26745-A	Open hearth fireplace	Gas Insert
C-26746-A	Open hearth fireplace	Gas Insert
C-26746-B	Open hearth fireplace	Gas Insert
C-26750-A	Open hearth fireplace	Gas Insert
C-26751-A	Open hearth fireplace	Gas Insert
C-26752-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-26753-A	Open hearth fireplace	Gas Insert
C-26754-A	Open hearth fireplace	Gas Insert
C-26756-A	Open hearth fireplace	Gas Insert
C-26782-A	Open hearth fireplace	Gas Insert
C-26784-A	Open hearth fireplace	Gas Insert
C-26785-A	Open hearth fireplace	Gas Insert
C-26787-A	Open hearth fireplace	Gas Insert
C-26788-A	Open hearth fireplace	Gas Insert
C-26792-A	Open hearth fireplace	Gas Insert
C-26794-A	Open hearth fireplace	Gas Insert
C-26804-A	Open hearth fireplace	Gas Insert
C-26805-A	Open hearth fireplace	Gas Insert
C-26808-A	Open hearth fireplace	Gas Insert
C-26815-A	Open hearth fireplace	Gas Insert
C-26816-A	Open hearth fireplace	Gas Insert
C-26817-A	Open hearth fireplace	Gas Insert
C-26818-A	Open hearth fireplace	Gas Insert
C-26819-A	Open hearth fireplace	Gas Insert
C-26820-A	Open hearth fireplace	Gas Insert
C-26824-A	Open hearth fireplace	Gas Insert
C-26842-A	Open hearth fireplace	Gas Insert
C-26843-A	Open hearth fireplace	Gas Insert
C-26845-A	Open hearth fireplace	Gas Insert
C-26894-A	Open hearth fireplace	Gas Insert
C-26894-B	Open hearth fireplace	Gas Insert
C-26895-A	Open hearth fireplace	Gas Insert
C-26897-A	Open hearth fireplace	Gas Insert
C-26899-A	Open hearth fireplace	Gas Insert
C-26907-A	Open hearth fireplace	Gas Insert
C-26910-A	Open hearth fireplace	Gas Insert
C-26925-A	Open hearth fireplace	Gas Insert
C-26931-A	Open hearth fireplace	Gas Insert
C-26937-A	Open hearth fireplace	Gas Insert
C-26940-A	Open hearth fireplace	Gas Insert
C-26941-A	Open hearth fireplace	Gas Insert
C-26943-A	Open hearth fireplace	Gas Insert
C-26971-A	Open hearth fireplace	Gas Insert
C-26972-A	Open hearth fireplace	Gas Insert
C-26976-A	Open hearth fireplace	Gas Insert
C-26981-A	Open hearth fireplace	Gas Insert
C-27001-A	Open hearth fireplace	Gas Insert
C-27013-A	Open hearth fireplace	Gas Insert
C-27069-A	Open hearth fireplace	Gas Insert
C-27070-A	Open hearth fireplace	Gas Insert
C-27073-A	Open hearth fireplace	Gas Insert
C-27100-A	Open hearth fireplace	Gas Insert
C-27204-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-27209-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-27210-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-27211-A	Open hearth fireplace	Gas Insert
C-27212-A	Open hearth fireplace	Gas Insert
C-27216-A	Open hearth fireplace	Gas Insert
C-27217-A	Open hearth fireplace	Gas Insert
C-27219-A	Open hearth fireplace	Gas Insert
C-27225-A	Open hearth fireplace	Gas Insert
C-27226-A	Open hearth fireplace	Gas Insert
C-27259-A	Open hearth fireplace	Gas Insert
C-27262-A	Open hearth fireplace	Gas Insert
C-27263-A	Open hearth fireplace	Gas Insert
C-27266-A	Open hearth fireplace	Gas Insert
C-27293-A	Open hearth fireplace	Gas Insert
C-27295-A	Open hearth fireplace	Gas Insert
C-27296-A	Open hearth fireplace	Gas Insert
C-27297-A	Open hearth fireplace	Gas Insert
C-27298-A	Open hearth fireplace	Gas Insert
C-27300-A	Open hearth fireplace	Gas Insert
C-27301-A	Open hearth fireplace	Gas Insert
C-27317-A	Open hearth fireplace	Gas Insert
C-27319-A	Open hearth fireplace	Gas Insert
C-27322-A	Open hearth fireplace	Gas Insert
C-27323-A	Open hearth fireplace	Gas Insert
C-27325-A	Open hearth fireplace	Gas Insert
C-27327-A	Open hearth fireplace	Gas Insert
C-27329-A	Open hearth fireplace	Gas Insert
C-27346-A	Open hearth fireplace	Gas Insert
C-27347-A	Open hearth fireplace	Gas Insert
C-27348-A	Open hearth fireplace	Gas Insert
C-27349-A	Open hearth fireplace	Gas Insert
C-27350-A	Open hearth fireplace	Gas Insert
C-27354-A	Open hearth fireplace	Gas Insert
C-27355-A	Open hearth fireplace	Gas Insert
C-27356-A	Open hearth fireplace	Gas Insert
C-27357-A	Open hearth fireplace	Gas Insert
C-27359-A	Open hearth fireplace	Gas Insert
C-27360-A	Open hearth fireplace	Gas Insert
C-27404-A	Open hearth fireplace	Gas Insert
C-27405-A	Open hearth fireplace	Gas Insert
C-27406-A	Open hearth fireplace	Gas Insert
C-27407-A	Open hearth fireplace	Gas Insert
C-27409-A	Open hearth fireplace	Gas Insert
C-27410-A	Open hearth fireplace	Gas Insert
C-27411-A	Open hearth fireplace	Gas Insert
C-27412-A	Open hearth fireplace	Gas Insert
C-27413-A	Open hearth fireplace	Gas Insert
C-27414-A	Open hearth fireplace	Gas Insert
C-27414-B	Open hearth fireplace	Gas Insert
C-27415-A	Open hearth fireplace	Gas Insert
C-27416-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-27417-A	Open hearth fireplace	Gas Insert
C-27418-A	Open hearth fireplace	Gas Insert
C-27419-A	Open hearth fireplace	Gas Insert
C-27420-A	Open hearth fireplace	Gas Insert
C-27421-A	Open hearth fireplace	Gas Insert
C-27448-A	Open hearth fireplace	Gas Insert
C-27449-A	Open hearth fireplace	Gas Insert
C-27450-A	Open hearth fireplace	Gas Insert
C-27454-A	Open hearth fireplace	Gas Insert
C-27455-A	Open hearth fireplace	Gas Insert
C-27457-A	Open hearth fireplace	Gas Insert
C-27470-A	Open hearth fireplace	Gas Insert
C-27473-A	Open hearth fireplace	Gas Insert
C-27481-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-27489-A	Open hearth fireplace	Gas Insert
C-27510-A	Open hearth fireplace	Gas Insert
C-27512-A	Open hearth fireplace	Gas Insert
C-27513-A	Open hearth fireplace	Gas Insert
C-27514-A	Open hearth fireplace	Gas Insert
C-27515-A	Open hearth fireplace	Gas Insert
C-27516-A	Open hearth fireplace	Gas Insert
C-27534-A	Open hearth fireplace	Gas Insert
C-27538-A	Open hearth fireplace	Gas Insert
C-27541-A	Open hearth fireplace	Gas Insert
C-27542-A	Open hearth fireplace	Gas Insert
C-27544-A	Open hearth fireplace	Gas Insert
C-27544-B	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-27546-A	Open hearth fireplace	Gas Insert
C-27547-A	Open hearth fireplace	Gas Insert
C-27548-A	Open hearth fireplace	Gas Insert
C-27549-A	Open hearth fireplace	Gas Insert
C-27551-A	Open hearth fireplace	Gas Insert
C-27556-A	Open hearth fireplace	Gas Insert
C-27557-A	Open hearth fireplace	Gas Insert
C-27589-A	Open hearth fireplace	Gas Insert
C-27591-A	Open hearth fireplace	Gas Insert
C-27592-A	Open hearth fireplace	Gas Insert
C-27593-A	Open hearth fireplace	Gas Insert
C-27594-A	Open hearth fireplace	Gas Insert
C-27595-A	Open hearth fireplace	Gas Insert
C-27596-A	Open hearth fireplace	Gas Insert
C-27597-A	Open hearth fireplace	Gas Insert
C-27598-A	Open hearth fireplace	Gas Insert
C-27601-A	Open hearth fireplace	Gas Insert
C-27602-A	Open hearth fireplace	Gas Insert
C-27603-A	Open hearth fireplace	Gas Insert
C-27604-A	Open hearth fireplace	Gas Insert
C-27605-A	Open hearth fireplace	Gas Insert
C-27606-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-27647-A	Open hearth fireplace	Gas Insert
C-27648-A	Open hearth fireplace	Gas Insert
C-27649-A	Open hearth fireplace	Gas Insert
C-27650-A	Open hearth fireplace	Gas Insert
C-27653-A	Open hearth fireplace	Gas Insert
C-27654-A	Open hearth fireplace	Gas Insert
C-27657-A	Open hearth fireplace	Gas Insert
C-27658-A	Open hearth fireplace	Gas Insert
C-27661-A	Open hearth fireplace	Gas Insert
C-27663-A	Open hearth fireplace	Gas Insert
C-27665-A	Open hearth fireplace	Gas Insert
C-27666-A	Open hearth fireplace	Gas Insert
C-27731-A	Open hearth fireplace	Gas Insert
C-27732-A	Open hearth fireplace	Gas Insert
C-27733-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-27734-A	Open hearth fireplace	Gas Insert
C-27736-A	Open hearth fireplace	Gas Insert
C-27737-A	Open hearth fireplace	Gas Insert
C-27739-A	Open hearth fireplace	Gas Insert
C-27743-A	Open hearth fireplace	Gas Insert
C-27745-A	Open hearth fireplace	Gas Insert
C-27746-A	Open hearth fireplace	Gas Insert
C-27747-A	Open hearth fireplace	Gas Insert
C-27749-A	Open hearth fireplace	Gas Insert
C-27750-A	Open hearth fireplace	Gas Insert
C-27751-A	Open hearth fireplace	Gas Insert
C-27752-A	Open hearth fireplace	Gas Insert
C-27753-A	Open hearth fireplace	Gas Insert
C-27755-A	Open hearth fireplace	Gas Insert
C-27756-A	Open hearth fireplace	Gas Insert
C-27757-A	Open hearth fireplace	Gas Insert
C-27758-A	Open hearth fireplace	Gas Insert
C-27760-A	Open hearth fireplace	Gas Insert
C-27761-A	Open hearth fireplace	Gas Insert
C-27762-A	Open hearth fireplace	Gas Insert
C-27771-A	Open hearth fireplace	Gas Insert
C-27772-A	Open hearth fireplace	Gas Insert
C-27773-A	Open hearth fireplace	Gas Insert
C-27801-A	Open hearth fireplace	Gas Insert
C-27801-B	Open hearth fireplace	Gas Insert
C-27805-A	Open hearth fireplace	Gas Insert
C-27808-A	Open hearth fireplace	Gas Insert
C-27810-A	Open hearth fireplace	Gas Insert
C-27811-A	Open hearth fireplace	Gas Insert
C-27812-A	Open hearth fireplace	Gas Insert
C-27813-A	Open hearth fireplace	Gas Insert
C-27814-A	Open hearth fireplace	Gas Insert
C-27816-A	Open hearth fireplace	Gas Insert
C-27817-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-27818-A	Open hearth fireplace	Gas Insert
C-27819-A	Open hearth fireplace	Gas Insert
C-27856-A	Open hearth fireplace	Gas Insert
C-27858-A	Open hearth fireplace	Gas Insert
C-27859-A	Open hearth fireplace	Gas Insert
C-27863-A	Open hearth fireplace	Gas Insert
C-27864-A	Open hearth fireplace	Gas Insert
C-27865-A	Open hearth fireplace	Gas Insert
C-27866-A	Open hearth fireplace	Gas Insert
C-27867-A	Open hearth fireplace	Gas Insert
C-27868-A	Open hearth fireplace	Gas Insert
C-27869-A	Open hearth fireplace	Gas Insert
C-27870-A	Open hearth fireplace	Gas Insert
C-27873-A	Open hearth fireplace	Gas Insert
C-27876-A	Open hearth fireplace	Gas Insert
C-27877-A	Open hearth fireplace	Gas Insert
C-27878-A	Open hearth fireplace	Gas Insert
C-27879-A	Open hearth fireplace	Gas Insert
C-27882-A	Open hearth fireplace	Gas Insert
C-27916-A	Open hearth fireplace	Gas Insert
C-27917-A	Open hearth fireplace	Gas Insert
C-27918-A	Open hearth fireplace	Gas Insert
C-27919-A	Open hearth fireplace	Gas Insert
C-27920-A	Open hearth fireplace	Gas Insert
C-27924-A	Open hearth fireplace	Gas Insert
C-27934-A	Open hearth fireplace	Gas Insert
C-27935-A	Open hearth fireplace	Gas Insert
C-27962-A	Open hearth fireplace	Gas Insert
C-27963-A	Open hearth fireplace	Gas Insert
C-27964-A	Open hearth fireplace	Gas Insert
C-27966-A	Open hearth fireplace	Gas Insert
C-27967-A	Open hearth fireplace	Gas Insert
C-27968-A	Open hearth fireplace	Gas Insert
C-27971-A	Open hearth fireplace	Gas Insert
C-27972-A	Open hearth fireplace	Gas Insert
C-27973-A	Open hearth fireplace	Gas Insert
C-27976-A	Open hearth fireplace	Gas Insert
C-27977-A	Open hearth fireplace	Gas Insert
C-28021-A	Open hearth fireplace	Gas Insert
C-28024-A	Open hearth fireplace	Gas Insert
C-28025-A	Open hearth fireplace	Gas Insert
C-28028-A	Open hearth fireplace	Gas Insert
C-28029-A	Open hearth fireplace	Gas Insert
C-28030-A	Open hearth fireplace	Gas Insert
C-28034-A	Open hearth fireplace	Gas Insert
C-28036-A	Open hearth fireplace	Gas Insert
C-28054-A	Open hearth fireplace	Gas Insert
C-28057-A	Open hearth fireplace	Gas Insert
C-28059-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-28061-A	Open hearth fireplace	Gas Insert
C-28064-A	Open hearth fireplace	Gas Insert
C-28066-A	Open hearth fireplace	Gas Insert
C-28069-A	Open hearth fireplace	Gas Insert
C-28070-A	Open hearth fireplace	Gas Insert
C-28071-A	Open hearth fireplace	Gas Insert
C-28072-A	Open hearth fireplace	Gas Insert
C-28078-A	Open hearth fireplace	Gas Insert
C-28079-A	Open hearth fireplace	Gas Insert
C-28081-A	Open hearth fireplace	Gas Insert
C-28087-A	Open hearth fireplace	Gas Insert
C-28088-A	Open hearth fireplace	Gas Insert
C-28089-A	Open hearth fireplace	Gas Insert
C-28090-A	Open hearth fireplace	Gas Insert
C-28091-A	Open hearth fireplace	Gas Insert
C-28092-A	Open hearth fireplace	Gas Insert
C-28094-A	Open hearth fireplace	Gas Insert
C-28098-A	Open hearth fireplace	Gas Insert
C-28099-A	Open hearth fireplace	Gas Insert
C-28100-A	Open hearth fireplace	Gas Insert
C-28101-A	Open hearth fireplace	Gas Insert
C-28121-A	Open hearth fireplace	Gas Insert
C-28122-A	Open hearth fireplace	Gas Insert
C-28126-A	Open hearth fireplace	Gas Insert
C-28127-A	Open hearth fireplace	Gas Insert
C-28128-A	Open hearth fireplace	Gas Insert
C-28130-A	Open hearth fireplace	Gas Insert
C-28132-A	Open hearth fireplace	Gas Insert
C-28133-A	Open hearth fireplace	Gas Insert
C-28134-A	Open hearth fireplace	Gas Insert
C-28135-A	Open hearth fireplace	Gas Insert
C-28136-A	Open hearth fireplace	Gas Insert
C-28137-A	Open hearth fireplace	Gas Insert
C-28138-A	Open hearth fireplace	Gas Insert
C-28139-A	Open hearth fireplace	Gas Insert
C-28140-A	Open hearth fireplace	Gas Insert
C-28142-A	Open hearth fireplace	Gas Insert
C-28144-A	Open hearth fireplace	Gas Insert
C-28149-A	Open hearth fireplace	Gas Insert
C-28157-A	Open hearth fireplace	Gas Insert
C-28161-A	Open hearth fireplace	Gas Insert
C-28179-A	Open hearth fireplace	Gas Insert
C-28185-A	Open hearth fireplace	Gas Insert
C-28189-A	Open hearth fireplace	Gas Insert
C-28190-A	Open hearth fireplace	Gas Insert
C-28191-A	Open hearth fireplace	Gas Insert
C-28192-A	Open hearth fireplace	Gas Insert
C-28223-A	Open hearth fireplace	Gas Insert
C-28224-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-28226-A	Open hearth fireplace	Gas Insert
C-28227-A	Open hearth fireplace	Gas Insert
C-28228-A	Open hearth fireplace	Gas Insert
C-28229-A	Open hearth fireplace	Gas Insert
C-28230-A	Open hearth fireplace	Gas Insert
C-28231-A	Open hearth fireplace	Gas Insert
C-28232-A	Open hearth fireplace	Gas Insert
C-28447-A	Open hearth fireplace	Gas Insert
C-28452-A	Open hearth fireplace	Gas Insert
C-28453-A	Open hearth fireplace	Gas Insert
C-28457-A	Open hearth fireplace	Gas Insert
C-28457-B	Open hearth fireplace	Gas Insert
C-28460-A	Open hearth fireplace	Gas Insert
C-28532-A	Open hearth fireplace	Freestanding gas stove
C-28535-A	Open hearth fireplace	Gas Insert
C-28536-A	Open hearth fireplace	Gas Insert
C-28539-A	Open hearth fireplace	Gas Insert
C-28541-A	Open hearth fireplace	Gas Insert
C-28546-A	Open hearth fireplace	Gas Insert
C-28547-A	Open hearth fireplace	Gas Insert
C-28551-A	Open hearth fireplace	Gas Insert
C-28567-A	Open hearth fireplace	Gas Insert
C-28681-A	Open hearth fireplace	Gas Insert
C-28683-A	Open hearth fireplace	Gas Insert
C-28689-A	Open hearth fireplace	Gas Insert
C-28701-A	Open hearth fireplace	Gas Insert
C-28775-A	Open hearth fireplace	Gas Insert
C-28786-A	Open hearth fireplace	Gas Insert
C-28787-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-28794-A	Open hearth fireplace	Gas Insert
C-28796-A	Open hearth fireplace	Gas Insert
C-28849-A	Open hearth fireplace	Gas Insert
C-28907-A	Open hearth fireplace	Gas Insert
C-28917-A	Open hearth fireplace	Gas Insert
C-28955-A	Open hearth fireplace	Gas Insert
C-28958-A	Open hearth fireplace	Gas Insert
C-29220-A	Open hearth fireplace	Gas Insert
C-29230-A	Open hearth fireplace	Gas Insert
C-29289-A	Open hearth fireplace	Gas Insert
C-29318-A	Open hearth fireplace	Gas Insert
C-30053-A	Open hearth fireplace	Gas Insert
C-3350-A	Open hearth fireplace	Gas Insert
C-3351-A	Open hearth fireplace	Gas Insert
C-3351-B	Open hearth fireplace	Gas Insert
C-3352-A	Open hearth fireplace	Gas Insert
C-3353-A	Open hearth fireplace	Gas Insert
C-3357-A	Open hearth fireplace	Gas Insert
C-3358-A	Open hearth fireplace	Gas Insert
C-3359-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-3360-A	Open hearth fireplace	Gas Insert
C-3361-A	Open hearth fireplace	Gas insert
C-3363-A	Open hearth fireplace	Gas Insert
C-3366-A	Open hearth fireplace	Gas insert
C-3368-A	Open hearth fireplace	Gas Insert
C-3369-A	Open hearth fireplace	Gas Insert
C-3370-A	Open hearth fireplace	Gas Insert
C-3372-A	Open hearth fireplace	Gas Insert
C-3373-A	Open hearth fireplace	Gas Insert
C-3375-A	Open hearth fireplace	Gas Insert
C-3378-A	Open hearth fireplace	Gas Insert
C-3380-A	Open hearth fireplace	Gas Insert
C-3382-A	Open hearth fireplace	Gas Insert
C-3385-A	Open hearth fireplace	Gas Insert
C-3386-A	Open hearth fireplace	Gas Insert
C-3387-A	Open hearth fireplace	Gas Insert
C-3392-A	Open hearth fireplace	Gas Insert
C-3394-A	Open hearth fireplace	Gas Insert
C-3395-A	Open hearth fireplace	Gas Insert
C-3399-A	Open hearth fireplace	Gas Insert
C-3400-A	Open hearth fireplace	Gas Insert
C-3401-A	Open hearth fireplace	Gas Insert
C-3402-A	Open hearth fireplace	Gas Insert
C-3403-A	Open hearth fireplace	Gas Insert
C-3404-A	Open hearth fireplace	Gas Insert
C-3405-A	Open hearth fireplace	Gas Insert
C-3406-A	Open hearth fireplace	Gas Insert
C-3408-A	Open hearth fireplace	Gas Insert
C-3409-A	Open hearth fireplace	Gas insert
C-3410-A	Open hearth fireplace	Gas Insert
C-3411-A	Open hearth fireplace	Gas Insert
C-3412-A	Open hearth fireplace	Gas Insert
C-3414-A	Open hearth fireplace	Gas Insert
C-3415-A	Open hearth fireplace	Gas Insert
C-3416-A	Open hearth fireplace	Gas Insert
C-3419-A	Open hearth fireplace	Gas Insert
C-3422-A	Open hearth fireplace	Gas insert
C-3423-A	Open hearth fireplace	Gas Insert
C-3424-A	Open hearth fireplace	Freestanding gas stove
C-3425-A	Open hearth fireplace	Gas Insert
C-3426-A	Open hearth fireplace	Gas Insert
C-3429-A	Open hearth fireplace	Gas Insert
C-3433-A	Open hearth fireplace	Gas Insert
C-3437-A	Open hearth fireplace	Gas Insert
C-3438-A	Open hearth fireplace	Gas Insert
C-3441-A	Open hearth fireplace	Gas Insert
C-3442-A	Open hearth fireplace	Gas Insert
C-3444-A	Open hearth fireplace	Gas Insert
C-3447-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-3448-A	Open hearth fireplace	Gas Insert
C-3449-A	Open hearth fireplace	Gas Insert
C-3450-A	Open hearth fireplace	Freestanding gas stove
C-3452-A	Open hearth fireplace	Gas Insert
C-3455-A	Open hearth fireplace	Gas Insert
C-3460-A	Open hearth fireplace	Gas Insert
C-3461-A	Open hearth fireplace	Gas insert
C-3462-A	Open hearth fireplace	Gas Insert
C-3463-A	Open hearth fireplace	Freestanding gas stove
C-3465-A	Open hearth fireplace	Freestanding gas stove
C-3474-A	Open hearth fireplace	Gas Insert
C-3475-A	Open hearth fireplace	Gas Insert
C-3479-A	Open hearth fireplace	Gas Insert
C-3484-A	Open hearth fireplace	Gas Insert
C-3485-A	Open hearth fireplace	Gas Insert
C-3486-A	Open hearth fireplace	Gas Insert
C-3487-A	Open hearth fireplace	Gas Insert
C-3488-A	Open hearth fireplace	Freestanding gas stove
C-3492-A	Open hearth fireplace	Freestanding gas stove
C-3493-A	Open hearth fireplace	Gas Insert
C-3494-A	Open hearth fireplace	Gas Insert
C-3495-A	Open hearth fireplace	Gas Insert
C-3496-A	Open hearth fireplace	Gas Insert
C-3499-A	Open hearth fireplace	Gas Insert
C-3500-A	Open hearth fireplace	Gas Insert
C-3502-A	Open hearth fireplace	Gas Insert
C-3505-A	Open hearth fireplace	Gas Insert
C-3507-A	Open hearth fireplace	Gas Insert
C-3508-A	Open hearth fireplace	Gas Insert
C-3509-A	Open hearth fireplace	Gas Insert
C-3512-A	Open hearth fireplace	Gas Insert
C-3513-A	Open hearth fireplace	Gas Insert
C-3515-A	Open hearth fireplace	Gas Insert
C-3518-A	Open hearth fireplace	Gas Insert
C-3523-A	Open hearth fireplace	Gas Insert
C-3524-A	Open hearth fireplace	Gas Insert
C-3527-A	Open hearth fireplace	Gas Insert
C-3528-A	Open hearth fireplace	Gas Insert
C-3529-A	Open hearth fireplace	Gas Insert
C-3535-A	Open hearth fireplace	Gas Insert
C-3537-A	Open hearth fireplace	Gas Insert
C-3538-A	Open hearth fireplace	Gas Insert
C-3540-A	Open hearth fireplace	Gas Insert
C-3541-A	Open hearth fireplace	Gas Insert
C-3544-A	Open hearth fireplace	Gas Insert
C-3545-A	Open hearth fireplace	Gas Insert
C-3546-A	Open hearth fireplace	Gas Insert
C-3547-A	Open hearth fireplace	Gas Insert
C-3549-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-3552-A	Open hearth fireplace	Gas Insert
C-3554-A	Open hearth fireplace	Gas Insert
C-3555-A	Open hearth fireplace	Gas Insert
C-3561-A	Open hearth fireplace	Gas Insert
C-3562-A	Open hearth fireplace	Gas Insert
C-3563-A	Open hearth fireplace	Gas Insert
C-3568-A	Open hearth fireplace	Gas Insert
C-3577-A	Open hearth fireplace	Gas Insert
C-3578-A	Open hearth fireplace	Gas Insert
C-3583-A	Open hearth fireplace	Gas Insert
C-3584-A	Open hearth fireplace	Gas Insert
C-3589-A	Open hearth fireplace	Gas Insert
C-3594-A	Open hearth fireplace	Gas Insert
C-3595-A	Open hearth fireplace	Gas Insert
C-3598-A	Open hearth fireplace	Gas Insert
C-3607-A	Open hearth fireplace	Gas Insert
C-3609-A	Open hearth fireplace	Gas Insert
C-3610-A	Open hearth fireplace	Gas Insert
C-3612-A	Open hearth fireplace	Gas Insert
C-3614-A	Open hearth fireplace	Gas Insert
C-3615-A	Open hearth fireplace	Gas Insert
C-3616-A	Open hearth fireplace	Gas Insert
C-3618-A	Open hearth fireplace	Gas Insert
C-3620-A	Open hearth fireplace	Gas Insert
C-3622-A	Open hearth fireplace	Gas Insert
C-3623-A	Open hearth fireplace	Gas Insert
C-3624-A	Open hearth fireplace	Gas Insert
C-3625-A	Open hearth fireplace	Gas Insert
C-3630-A	Open hearth fireplace	Gas Insert
C-3636-A	Open hearth fireplace	Gas Insert
C-3637-B	Open hearth fireplace	Gas Insert
C-3638-A	Open hearth fireplace	Gas Insert
C-3639-A	Open hearth fireplace	Gas Insert
C-3640-A	Open hearth fireplace	Gas Insert
C-3641-A	Open hearth fireplace	Gas Insert
C-3642-A	Open hearth fireplace	Gas Insert
C-3645-A	Open hearth fireplace	Gas Insert
C-3646-A	Open hearth fireplace	Gas Insert
C-3651-A	Open hearth fireplace	Gas Insert
C-3652-A	Open hearth fireplace	Gas Insert
C-3653-A	Open hearth fireplace	Gas Insert
C-3656-A	Open hearth fireplace	Gas Insert
C-3659-A	Open hearth fireplace	Gas Insert
C-3660-A	Open hearth fireplace	Gas Insert
C-3661-A	Open hearth fireplace	Gas Insert
C-3662-A	Open hearth fireplace	Gas Insert
C-3665-A	Open hearth fireplace	Gas Insert
C-3666-A	Open hearth fireplace	Gas Insert
C-3667-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-3670-A	Open hearth fireplace	Gas Insert
C-3671-A	Open hearth fireplace	Gas Insert
C-3674-A	Open hearth fireplace	Gas Insert
C-3675-A	Open hearth fireplace	Gas Insert
C-3678-A	Open hearth fireplace	Gas Insert
C-3679-A	Open hearth fireplace	Gas Insert
C-3683-A	Open hearth fireplace	Gas Insert
C-3684-A	Open hearth fireplace	Gas Insert
C-3685-A	Open hearth fireplace	Gas Insert
C-3689-A	Open hearth fireplace	Gas Insert
C-3690-A	Open hearth fireplace	Gas Insert
C-3691-A	Open hearth fireplace	Freestanding gas stove
C-3695-A	Open hearth fireplace	Gas Insert
C-3696-A	Open hearth fireplace	Gas Insert
C-3698-A	Open hearth fireplace	Gas Insert
C-3699-A	Open hearth fireplace	Gas Insert
C-3700-A	Open hearth fireplace	Gas Insert
C-3706-A	Open hearth fireplace	Gas Insert
C-3709-A	Open hearth fireplace	Gas Insert
C-3710-A	Open hearth fireplace	Gas Insert
C-3711-A	Open hearth fireplace	Gas Insert
C-3714-A	Open hearth fireplace	Gas Insert
C-3715-A	Open hearth fireplace	Gas Insert
C-3717-A	Open hearth fireplace	Gas Insert
C-3719-A	Open hearth fireplace	Gas Insert
C-3723-A	Open hearth fireplace	Gas Insert
C-3724-A	Open hearth fireplace	Gas Insert
C-3727-A	Open hearth fireplace	Gas Insert
C-3728-A	Open hearth fireplace	Gas Insert
C-3729-A	Open hearth fireplace	Gas Insert
C-3730-A	Open hearth fireplace	Gas Insert
C-3738-A	Open hearth fireplace	Gas Insert
C-3740-A	Open hearth fireplace	Gas Insert
C-3741-A	Open hearth fireplace	Gas Insert
C-3742-A	Open hearth fireplace	Gas Insert
C-3744-A	Open hearth fireplace	Gas Insert
C-3749-A	Open hearth fireplace	Gas Insert
C-3752-A	Open hearth fireplace	Gas Insert
C-3757-A	Open hearth fireplace	Gas Insert
C-3759-A	Open hearth fireplace	Gas Insert
C-3760-A	Open hearth fireplace	Gas Insert
C-3762-A	Open hearth fireplace	Gas Insert
C-3763-A	Open hearth fireplace	Gas Insert
C-3764-A	Open hearth fireplace	Gas Insert
C-3768-A	Open hearth fireplace	Gas Insert
C-3769-A	Open hearth fireplace	Gas Insert
C-3771-A	Open hearth fireplace	Gas Insert
C-3772-A	Open hearth fireplace	Gas Insert
C-3773-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-3774-A	Open hearth fireplace	Gas Insert
C-3775-A	Open hearth fireplace	Gas Insert
C-3783-A	Open hearth fireplace	Gas Insert
C-3795-A	Open hearth fireplace	Gas Insert
C-3797-A	Open hearth fireplace	Gas Insert
C-3798-A	Open hearth fireplace	Gas Insert
C-3803-A	Open hearth fireplace	Gas Insert
C-3804-A	Open hearth fireplace	Gas Insert
C-3807-A	Open hearth fireplace	Gas Insert
C-3808-A	Open hearth fireplace	Gas Insert
C-3809-A	Open hearth fireplace	Gas Insert
C-3811-A	Open hearth fireplace	Gas Insert
C-3813-A	Open hearth fireplace	Gas Insert
C-3814-A	Open hearth fireplace	Gas Insert
C-3819-A	Open hearth fireplace	Gas Insert
C-3820-A	Open hearth fireplace	Gas Insert
C-3826-A	Open hearth fireplace	Freestanding gas stove
C-3827-A	Open hearth fireplace	Gas Insert
C-3834-A	Open hearth fireplace	Gas Insert
C-3837-A	Open hearth fireplace	Gas Insert
C-3840-A	Open hearth fireplace	Gas Insert
C-3842-A	Open hearth fireplace	Gas Insert
C-3843-A	Open hearth fireplace	Gas Insert
C-3845-A	Open hearth fireplace	Gas Insert
C-3849-A	Open hearth fireplace	Gas Insert
C-3850-A	Open hearth fireplace	Gas Insert
C-3854-A	Open hearth fireplace	Gas Insert
C-3859-A	Open hearth fireplace	Gas Insert
C-3862-A	Open hearth fireplace	Gas Insert
C-3865-A	Open hearth fireplace	Gas Insert
C-3866-A	Open hearth fireplace	Gas Insert
C-3867-A	Open hearth fireplace	Gas Insert
C-3869-A	Open hearth fireplace	Gas Insert
C-3886-A	Open hearth fireplace	Gas Insert
C-3887-A	Open hearth fireplace	Gas Insert
C-3890-A	Open hearth fireplace	Gas Insert
C-3892-A	Open hearth fireplace	Gas Insert
C-3896-A	Open hearth fireplace	Gas Insert
C-3900-A	Open hearth fireplace	Gas Insert
C-3902-A	Open hearth fireplace	Gas Insert
C-3903-A	Open hearth fireplace	Freestanding gas stove
C-3907-A	Open hearth fireplace	Gas Insert
C-3908-A	Open hearth fireplace	Gas Insert
C-3909-A	Open hearth fireplace	Gas Insert
C-3910-A	Open hearth fireplace	Gas Insert
C-3912-A	Open hearth fireplace	Gas Insert
C-3921-A	Open hearth fireplace	Gas Insert
C-3927-A	Open hearth fireplace	Gas Insert
C-3933-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-3934-A	Open hearth fireplace	Gas Insert
C-3946-A	Open hearth fireplace	Gas Insert
C-3954-A	Open hearth fireplace	Gas Insert
C-3999-A	Open hearth fireplace	Gas Insert
C-4000-A	Open hearth fireplace	Gas Insert
C-4010-A	Open hearth fireplace	Gas Insert
C-4014-A	Open hearth fireplace	Gas Insert
C-4016-A	Open hearth fireplace	Gas Insert
C-4017-A	Open hearth fireplace	Gas Insert
C-4019-A	Open hearth fireplace	Gas Insert
C-4026-A	Open hearth fireplace	Gas Insert
C-4030-A	Open hearth fireplace	Gas Insert
C-4031-A	Open hearth fireplace	Gas Insert
C-4032-A	Open hearth fireplace	Gas Insert
C-4039-A	Open hearth fireplace	Gas Insert
C-4040-A	Open hearth fireplace	Gas Insert
C-4046-A	Open hearth fireplace	Gas Insert
C-4050-A	Open hearth fireplace	Gas Insert
C-4051-A	Open hearth fireplace	Gas Insert
C-4061-A	Open hearth fireplace	Gas Insert
C-4070-A	Open hearth fireplace	Gas Insert
C-4071-A	Open hearth fireplace	Gas Insert
C-4077-A	Open hearth fireplace	Gas Insert
C-4078-A	Open hearth fireplace	Gas Insert
C-4098-A	Open hearth fireplace	Gas Insert
C-4127-A	Open hearth fireplace	Gas Insert
C-4128-A	Open hearth fireplace	Gas Insert
C-4132-A	Open hearth fireplace	Gas Insert
C-4134-A	Open hearth fireplace	Gas Insert
C-4142-A	Open hearth fireplace	Gas Insert
C-4148-A	Open hearth fireplace	Gas Insert
C-4149-A	Open hearth fireplace	Gas Insert
C-4150-A	Open hearth fireplace	Gas Insert
C-4151-A	Open hearth fireplace	Gas Insert
C-4152-A	Open hearth fireplace	Gas Insert
C-4156-A	Open hearth fireplace	Gas Insert
C-4157-A	Open hearth fireplace	Gas Insert
C-4159-A	Open hearth fireplace	Gas Insert
C-4160-A	Open hearth fireplace	Gas Insert
C-4165-A	Open hearth fireplace	Gas Insert
C-4177-A	Open hearth fireplace	Gas Insert
C-4182-A	Open hearth fireplace	Gas Insert
C-4183-A	Open hearth fireplace	Gas Insert
C-4184-A	Open hearth fireplace	Gas Insert
C-4186-A	Open hearth fireplace	Gas Insert
C-4190-A	Open hearth fireplace	Gas Insert
C-4195-A	Open hearth fireplace	Gas Insert
C-4197-A	Open hearth fireplace	Gas Insert
C-4202-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-4204-A	Open hearth fireplace	Gas Insert
C-4205-A	Open hearth fireplace	Gas Insert
C-4206-A	Open hearth fireplace	Gas Insert
C-4208-A	Open hearth fireplace	Gas Insert
C-4209-A	Open hearth fireplace	Gas Insert
C-4214-A	Open hearth fireplace	Gas Insert
C-4216-A	Open hearth fireplace	Gas Insert
C-4218-A	Open hearth fireplace	Gas Insert
C-4220-A	Open hearth fireplace	Gas Insert
C-4221-A	Open hearth fireplace	Gas Insert
C-4222-A	Open hearth fireplace	Gas Insert
C-4223-A	Open hearth fireplace	Freestanding gas stove
C-4224-A	Open hearth fireplace	Gas Insert
C-4240-A	Open hearth fireplace	Gas Insert
C-4242-A	Open hearth fireplace	Gas Insert
C-4245-A	Open hearth fireplace	Gas Insert
C-4246-A	Open hearth fireplace	Gas Insert
C-4247-A	Open hearth fireplace	Gas Insert
C-4248-A	Open hearth fireplace	Gas Insert
C-4249-A	Open hearth fireplace	Gas Insert
C-4250-A	Open hearth fireplace	Gas Insert
C-4261-A	Open hearth fireplace	Gas Insert
C-4262-A	Open hearth fireplace	Gas Insert
C-4264-A	Open hearth fireplace	Gas Insert
C-4269-A	Open hearth fireplace	Gas Insert
C-4271-A	Open hearth fireplace	Gas Insert
C-4272-A	Open hearth fireplace	Gas Insert
C-4275-A	Open hearth fireplace	Gas Insert
C-4278-A	Open hearth fireplace	Gas Insert
C-4279-A	Open hearth fireplace	Gas Insert
C-4280-A	Open hearth fireplace	Gas Insert
C-4282-A	Open hearth fireplace	Gas Insert
C-4283-A	Open hearth fireplace	Gas Insert
C-4284-A	Open hearth fireplace	Gas Insert
C-4286-A	Open hearth fireplace	Gas Insert
C-4288-A	Open hearth fireplace	Gas Insert
C-4293-A	Open hearth fireplace	Gas Insert
C-4294-A	Open hearth fireplace	Gas Insert
C-4300-A	Open hearth fireplace	Gas Insert
C-4304-A	Open hearth fireplace	Gas Insert
C-4305-A	Open hearth fireplace	Gas Insert
C-4306-A	Open hearth fireplace	Gas Insert
C-4307-A	Open hearth fireplace	Gas Insert
C-4308-A	Open hearth fireplace	Gas Insert
C-4309-A	Open hearth fireplace	Gas Insert
C-4310-A	Open hearth fireplace	Gas Insert
C-4311-A	Open hearth fireplace	Gas Insert
C-4312-A	Open hearth fireplace	Gas Insert
C-4313-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-4314-A	Open hearth fireplace	Gas Insert
C-4315-A	Open hearth fireplace	Gas Insert
C-4316-A	Open hearth fireplace	Gas Insert
C-4319-A	Open hearth fireplace	Gas Insert
C-4322-A	Open hearth fireplace	Gas Insert
C-4324-A	Open hearth fireplace	Gas Insert
C-4329-A	Open hearth fireplace	Gas Insert
C-4334-A	Open hearth fireplace	Gas Insert
C-4338-A	Open hearth fireplace	Gas Insert
C-4339-A	Open hearth fireplace	Gas Insert
C-4341-A	Open hearth fireplace	Gas Insert
C-4342-A	Open hearth fireplace	Gas Insert
C-4343-A	Open hearth fireplace	Gas Insert
C-4344-A	Open hearth fireplace	Gas Insert
C-4345-A	Open hearth fireplace	Gas Insert
C-4346-A	Open hearth fireplace	Gas Insert
C-4347-A	Open hearth fireplace	Gas Insert
C-4349-A	Open hearth fireplace	Gas Insert
C-4350-A	Open hearth fireplace	Gas Insert
C-4370-A	Open hearth fireplace	Gas Insert
C-4384-A	Open hearth fireplace	Gas Insert
C-4388-A	Open hearth fireplace	Gas Insert
C-4403-A	Open hearth fireplace	Gas Insert
C-4404-A	Open hearth fireplace	Gas Insert
C-4408-A	Open hearth fireplace	Gas Insert
C-4413-A	Open hearth fireplace	Gas Insert
C-4414-A	Open hearth fireplace	Gas Insert
C-4415-A	Open hearth fireplace	Gas Insert
C-4416-A	Open hearth fireplace	Gas Insert
C-4417-A	Open hearth fireplace	Gas Insert
C-4418-A	Open hearth fireplace	Gas Insert
C-4420-A	Open hearth fireplace	Gas Insert
C-4422-A	Open hearth fireplace	Gas Insert
C-4424-A	Open hearth fireplace	Gas Insert
C-4425-A	Open hearth fireplace	Gas Insert
C-4426-A	Open hearth fireplace	Gas Insert
C-4427-A	Open hearth fireplace	Gas Insert
C-4433-A	Open hearth fireplace	Gas Insert
C-4434-A	Open hearth fireplace	Gas Insert
C-4435-A	Open hearth fireplace	Gas Insert
C-4437-A	Open hearth fireplace	Gas Insert
C-4440-A	Open hearth fireplace	Gas Insert
C-4442-A	Open hearth fireplace	Gas Insert
C-4443-A	Open hearth fireplace	Gas Insert
C-4444-A	Open hearth fireplace	Gas Insert
C-4445-A	Open hearth fireplace	Gas Insert
C-4448-A	Open hearth fireplace	Gas Insert
C-4449-A	Open hearth fireplace	Gas Insert
C-4450-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-4455-A	Open hearth fireplace	Gas Insert
C-4458-A	Open hearth fireplace	Gas Insert
C-4459-A	Open hearth fireplace	Gas Insert
C-4461-A	Open hearth fireplace	Gas Insert
C-4463-A	Open hearth fireplace	Gas Insert
C-4464-A	Open hearth fireplace	Gas Insert
C-4471-A	Open hearth fireplace	Gas Insert
C-4472-A	Open hearth fireplace	Gas Insert
C-4473-A	Open hearth fireplace	Gas Insert
C-4477-A	Open hearth fireplace	Gas Insert
C-4478-A	Open hearth fireplace	Gas Insert
C-4480-A	Open hearth fireplace	Gas Insert
C-4481-A	Open hearth fireplace	Gas Insert
C-4482-A	Open hearth fireplace	Gas Insert
C-4483-A	Open hearth fireplace	Gas Insert
C-4484-A	Open hearth fireplace	Gas Insert
C-4486-A	Open hearth fireplace	Gas Insert
C-4488-A	Open hearth fireplace	Gas Insert
C-4493-A	Open hearth fireplace	Gas Insert
C-4494-A	Open hearth fireplace	Gas Insert
C-4495-A	Open hearth fireplace	Gas Insert
C-4496-A	Open hearth fireplace	Gas Insert
C-4497-A	Open hearth fireplace	Gas Insert
C-4498-A	Open hearth fireplace	Gas Insert
C-4499-A	Open hearth fireplace	Gas Insert
C-4502-A	Open hearth fireplace	Gas Insert
C-4503-A	Open hearth fireplace	Gas Insert
C-4506-A	Open hearth fireplace	Freestanding gas stove
C-4509-A	Open hearth fireplace	Gas Insert
C-4510-A	Open hearth fireplace	Gas Insert
C-4513-A	Open hearth fireplace	Gas Insert
C-4514-A	Open hearth fireplace	Gas Insert
C-4516-A	Open hearth fireplace	Gas Insert
C-4518-A	Open hearth fireplace	Gas Insert
C-4521-A	Open hearth fireplace	Gas Insert
C-4523-A	Open hearth fireplace	Gas Insert
C-4524-A	Open hearth fireplace	Gas Insert
C-4525-A	Open hearth fireplace	Gas Insert
C-4528-A	Open hearth fireplace	Gas Insert
C-4531-A	Open hearth fireplace	Gas Insert
C-4533-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-4534-A	Open hearth fireplace	Gas Insert
C-4536-A	Open hearth fireplace	Gas Insert
C-4537-A	Open hearth fireplace	Gas Insert
C-4538-A	Open hearth fireplace	Gas Insert
C-4539-A	Open hearth fireplace	Gas Insert
C-4541-A	Open hearth fireplace	Gas Insert
C-4542-A	Open hearth fireplace	Gas Insert
C-4543-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-4544-A	Open hearth fireplace	Gas Insert
C-4546-A	Open hearth fireplace	Gas Insert
C-4550-A	Open hearth fireplace	Gas Insert
C-4553-A	Open hearth fireplace	Gas Insert
C-4555-A	Open hearth fireplace	Gas Insert
C-4557-A	Open hearth fireplace	Gas Insert
C-4567-A	Open hearth fireplace	Gas Insert
C-4568-A	Open hearth fireplace	Gas Insert
C-4569-A	Open hearth fireplace	Gas Insert
C-4570-A	Open hearth fireplace	Gas Insert
C-4571-A	Open hearth fireplace	Gas Insert
C-4572-A	Open hearth fireplace	Gas Insert
C-4573-A	Open hearth fireplace	Gas Insert
C-4574-A	Open hearth fireplace	Gas Insert
C-4577-A	Open hearth fireplace	Gas Insert
C-4643-A	Open hearth fireplace	Gas Insert
C-4647-A	Open hearth fireplace	Gas Insert
C-4651-A	Open hearth fireplace	Gas Insert
C-4656-A	Open hearth fireplace	Gas Insert
C-4660-A	Open hearth fireplace	Gas Insert
C-4663-A	Open hearth fireplace	Gas Insert
C-4732-A	Open hearth fireplace	Gas Insert
C-4735-A	Open hearth fireplace	Gas Insert
C-4741-A	Open hearth fireplace	Gas Insert
C-4742-A	Open hearth fireplace	Gas Insert
C-4743-A	Open hearth fireplace	Freestanding gas stove
C-4744-A	Open hearth fireplace	Gas Insert
C-4746-A	Open hearth fireplace	Gas Insert
C-4941-A	Open hearth fireplace	Gas Insert
C-4943-A	Open hearth fireplace	Gas Insert
C-5098-A	Open hearth fireplace	Gas Insert
C-5154-A	Open hearth fireplace	Gas Insert
C-5158-A	Open hearth fireplace	Gas Insert
C-5160-A	Open hearth fireplace	Gas Insert
C-5165-A	Open hearth fireplace	Gas Insert
C-5166-A	Open hearth fireplace	Gas Insert
C-5168-A	Open hearth fireplace	Gas Insert
C-5170-A	Open hearth fireplace	Gas Insert
C-5172-A	Open hearth fireplace	Gas Insert
C-5174-A	Open hearth fireplace	Gas Insert
C-5371-A	Open hearth fireplace	Gas Insert
C-5372-A	Open hearth fireplace	Gas Insert
C-5373-A	Open hearth fireplace	Gas Insert
C-5376-A	Open hearth fireplace	Gas Insert
C-5377-A	Open hearth fireplace	Gas Insert
C-5379-A	Open hearth fireplace	Gas Insert
C-5382-A	Open hearth fireplace	Gas Insert
C-5383-A	Open hearth fireplace	Gas Insert
C-5385-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-5457-A	Open hearth fireplace	Gas Insert
C-5459-A	Open hearth fireplace	Gas Insert
C-5462-A	Open hearth fireplace	Gas Insert
C-5466-A	Open hearth fireplace	Gas Insert
C-5583-A	Open hearth fireplace	Gas Insert
C-5585-A	Open hearth fireplace	Gas Insert
C-5601-A	Open hearth fireplace	Gas Insert
C-5620-A	Open hearth fireplace	Gas Insert
C-5622-A	Open hearth fireplace	Gas Insert
C-5636-A	Open hearth fireplace	Gas Insert
C-5637-A	Open hearth fireplace	Gas Insert
C-5638-A	Open hearth fireplace	Gas Insert
C-5674-A	Open hearth fireplace	Gas Insert
C-5675-A	Open hearth fireplace	Gas Insert
C-5678-A	Open hearth fireplace	Gas Insert
C-5685-A	Open hearth fireplace	Gas Insert
C-5814-A	Open hearth fireplace	Gas Insert
C-5816-A	Open hearth fireplace	Gas Insert
C-5832-A	Open hearth fireplace	Gas Insert
C-5847-A	Open hearth fireplace	Gas Insert
C-5857-A	Open hearth fireplace	Gas Insert
C-5911-A	Open hearth fireplace	Gas Insert
C-5916-A	Open hearth fireplace	Gas Insert
C-5922-A	Open hearth fireplace	Gas Insert
C-6691-A	Open hearth fireplace	Gas Insert
C-6695-A	Open hearth fireplace	Gas Insert
C-6708-A	Open hearth fireplace	Gas Insert
C-6712-A	Open hearth fireplace	Gas Insert
C-6716-A	Open hearth fireplace	Gas Insert
C-6721-A	Open hearth fireplace	Gas Insert
C-6736-A	Open hearth fireplace	Gas Insert
C-6739-A	Open hearth fireplace	Gas Insert
C-6740-A	Open hearth fireplace	Gas Insert
C-6741-A	Open hearth fireplace	Gas Insert
C-6742-A	Open hearth fireplace	Gas Insert
C-6900-A	Open hearth fireplace	Gas Insert
C-6901-A	Open hearth fireplace	Gas Insert
C-6903-A	Open hearth fireplace	Gas Insert
C-6908-A	Open hearth fireplace	Gas Insert
C-7015-A	Open hearth fireplace	Gas Insert
C-7016-A	Open hearth fireplace	Gas Insert
C-7017-A	Open hearth fireplace	Gas Insert
C-7027-A	Open hearth fireplace	Gas Insert
C-7038-A	Open hearth fireplace	Gas Insert
C-7040-A	Open hearth fireplace	Gas Insert
C-7080-A	Open hearth fireplace	Gas Insert
C-7081-A	Open hearth fireplace	Gas Insert
C-7082-A	Open hearth fireplace	Gas Insert
C-7083-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-7085-A	Open hearth fireplace	Gas Insert
C-7086-A	Open hearth fireplace	Gas Insert
C-7087-A	Open hearth fireplace	Gas Insert
C-7091-A	Open hearth fireplace	Gas Insert
C-7092-A	Open hearth fireplace	Gas Insert
C-7093-A	Open hearth fireplace	Gas Insert
C-7094-A	Open hearth fireplace	Gas Insert
C-7095-A	Open hearth fireplace	Gas Insert
C-7097-A	Open hearth fireplace	Gas Insert
C-7098-A	Open hearth fireplace	Gas Insert
C-7099-A	Open hearth fireplace	Gas Insert
C-7100-A	Open hearth fireplace	Gas Insert
C-7101-A	Open hearth fireplace	Gas Insert
C-7102-A	Open hearth fireplace	Gas Insert
C-7105-A	Open hearth fireplace	Gas Insert
C-7106-A	Open hearth fireplace	Gas Insert
C-7112-A	Open hearth fireplace	Gas Insert
C-7115-A	Open hearth fireplace	Gas Insert
C-7116-A	Open hearth fireplace	Gas Insert
C-7117-A	Open hearth fireplace	Gas Insert
C-7118-A	Open hearth fireplace	Gas Insert
C-7119-A	Open hearth fireplace	Gas Insert
C-7121-A	Open hearth fireplace	Gas Insert
C-7125-A	Open hearth fireplace	Gas Insert
C-7126-A	Open hearth fireplace	Gas Insert
C-7128-A	Open hearth fireplace	Gas Insert
C-7129-A	Open hearth fireplace	Gas Insert
C-7131-A	Open hearth fireplace	Gas Insert
C-7134-A	Open hearth fireplace	Gas Insert
C-7135-A	Open hearth fireplace	Gas Insert
C-7142-A	Open hearth fireplace	Gas Insert
C-7152-A	Open hearth fireplace	Gas Insert
C-7153-A	Open hearth fireplace	Gas Insert
C-7154-A	Open hearth fireplace	Gas Insert
C-7155-A	Open hearth fireplace	Gas Insert
C-7156-A	Open hearth fireplace	Gas Insert
C-7158-A	Open hearth fireplace	Gas Insert
C-7161-A	Open hearth fireplace	Gas Insert
C-7163-A	Open hearth fireplace	Gas Insert
C-7165-A	Open hearth fireplace	Gas Insert
C-7166-A	Open hearth fireplace	Gas Insert
C-7169-A	Open hearth fireplace	Gas Insert
C-7170-A	Open hearth fireplace	Gas Insert
C-7171-A	Open hearth fireplace	Gas Insert
C-7173-A	Open hearth fireplace	Gas Insert
C-7174-A	Open hearth fireplace	Gas Insert
C-7175-A	Open hearth fireplace	Gas Insert
C-7177-A	Open hearth fireplace	Gas Insert
C-7178-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-7180-A	Open hearth fireplace	Gas Insert
C-7181-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-7183-A	Open hearth fireplace	Gas Insert
C-7184-A	Open hearth fireplace	Gas Insert
C-7185-A	Open hearth fireplace	Gas Insert
C-7186-A	Open hearth fireplace	Gas Insert
C-7191-A	Open hearth fireplace	Gas Insert
C-7193-A	Open hearth fireplace	Gas Insert
C-7194-A	Open hearth fireplace	Gas Insert
C-7197-A	Open hearth fireplace	Gas Insert
C-7198-A	Open hearth fireplace	Gas Insert
C-7199-A	Open hearth fireplace	Gas Insert
C-7201-A	Open hearth fireplace	Gas Insert
C-7202-A	Open hearth fireplace	Gas Insert
C-7204-A	Open hearth fireplace	Gas Insert
C-7227-A	Open hearth fireplace	Gas Insert
C-7228-A	Open hearth fireplace	Gas Insert
C-7232-A	Open hearth fireplace	Gas Insert
C-7236-B	Open hearth fireplace	Gas Insert
C-7237-A	Open hearth fireplace	Gas Insert
C-7238-A	Open hearth fireplace	Gas Insert
C-7240-A	Open hearth fireplace	Gas Insert
C-7241-A	Open hearth fireplace	Gas Insert
C-7242-A	Open hearth fireplace	Gas Insert
C-7254-A	Open hearth fireplace	Gas Insert
C-7255-A	Open hearth fireplace	Gas Insert
C-7256-A	Open hearth fireplace	Gas Insert
C-7258-A	Open hearth fireplace	Gas Insert
C-7259-A	Open hearth fireplace	Gas Insert
C-7260-A	Open hearth fireplace	Gas Insert
C-7261-A	Open hearth fireplace	Gas Insert
C-7262-A	Open hearth fireplace	Gas Insert
C-7263-A	Open hearth fireplace	Gas Insert
C-7264-A	Open hearth fireplace	Gas Insert
C-7265-A	Open hearth fireplace	Gas Insert
C-7266-A	Open hearth fireplace	Gas Insert
C-7267-A	Open hearth fireplace	Gas Insert
C-7275-A	Open hearth fireplace	Gas Insert
C-7276-A	Open hearth fireplace	Gas Insert
C-7277-A	Open hearth fireplace	Gas Insert
C-7279-A	Open hearth fireplace	Gas Insert
C-7281-A	Open hearth fireplace	Gas Insert
C-7282-A	Open hearth fireplace	Gas Insert
C-7283-A	Open hearth fireplace	Gas Insert
C-7308-A	Open hearth fireplace	Gas Insert
C-7310-A	Open hearth fireplace	Gas Insert
C-7312-A	Open hearth fireplace	Freestanding gas stove
C-7316-A	Open hearth fireplace	Gas Insert
C-7318-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-7324-A	Open hearth fireplace	Gas Insert
C-7327-A	Open hearth fireplace	Gas Insert
C-7335-A	Open hearth fireplace	Gas Insert
C-7363-A	Open hearth fireplace	Gas Insert
C-7365-A	Open hearth fireplace	Gas Insert
C-7367-A	Open hearth fireplace	Gas Insert
C-7368-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-7371-A	Open hearth fireplace	Gas Insert
C-7374-A	Open hearth fireplace	Gas Insert
C-7375-A	Open hearth fireplace	Gas Insert
C-7376-A	Open hearth fireplace	Gas Insert
C-7377-A	Open hearth fireplace	Gas Insert
C-7390-A	Open hearth fireplace	Gas Insert
C-7392-A	Open hearth fireplace	Gas Insert
C-7394-A	Open hearth fireplace	Gas Insert
C-7395-A	Open hearth fireplace	Gas Insert
C-7396-A	Open hearth fireplace	Gas Insert
C-7397-A	Open hearth fireplace	Gas Insert
C-7398-A	Open hearth fireplace	Gas Insert
C-7399-A	Open hearth fireplace	Gas Insert
C-7401-A	Open hearth fireplace	Gas Insert
C-7405-A	Open hearth fireplace	Gas Insert
C-7414-A	Open hearth fireplace	Gas Insert
C-7416-A	Open hearth fireplace	Gas Insert
C-7417-A	Open hearth fireplace	Gas Insert
C-7419-A	Open hearth fireplace	Gas Insert
C-7420-A	Open hearth fireplace	Gas Insert
C-7421-A	Open hearth fireplace	Gas Insert
C-7422-A	Open hearth fireplace	Gas Insert
C-7424-A	Open hearth fireplace	Gas Insert
C-7425-A	Open hearth fireplace	Gas Insert
C-7427-A	Open hearth fireplace	Gas Insert
C-7456-A	Open hearth fireplace	Gas Insert
C-7457-A	Open hearth fireplace	Gas Insert
C-7458-A	Open hearth fireplace	Gas Insert
C-7459-A	Open hearth fireplace	Gas Insert
C-7488-A	Open hearth fireplace	Gas Insert
C-7489-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-7491-A	Open hearth fireplace	Gas Insert
C-7492-A	Open hearth fireplace	Gas Insert
C-7493-A	Open hearth fireplace	Gas Insert
C-7496-A	Open hearth fireplace	Gas Insert
C-7517-A	Open hearth fireplace	Gas Insert
C-7518-A	Open hearth fireplace	Gas Insert
C-7519-A	Open hearth fireplace	Gas Insert
C-7520-A	Open hearth fireplace	Gas Insert
C-7521-A	Open hearth fireplace	Gas Insert
C-7522-A	Open hearth fireplace	Gas Insert
C-7527-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-7530-A	Open hearth fireplace	Gas Insert
C-7531-A	Open hearth fireplace	Gas Insert
C-7532-A	Open hearth fireplace	Gas Insert
C-7533-A	Open hearth fireplace	Gas Insert
C-7534-A	Open hearth fireplace	Gas Insert
C-7536-A	Open hearth fireplace	Gas Insert
C-7537-A	Open hearth fireplace	Gas Insert
C-7543-A	Open hearth fireplace	Gas Insert
C-7546-A	Open hearth fireplace	Gas Insert
C-7547-A	Open hearth fireplace	Gas Insert
C-7548-A	Open hearth fireplace	Gas Insert
C-7549-A	Open hearth fireplace	Gas Insert
C-7565-A	Open hearth fireplace	Gas Insert
C-7566-A	Open hearth fireplace	Gas Insert
C-7568-A	Open hearth fireplace	Gas Insert
C-7570-A	Open hearth fireplace	Gas Insert
C-7571-A	Open hearth fireplace	Gas Insert
C-7572-A	Open hearth fireplace	Gas Insert
C-7580-A	Open hearth fireplace	Gas Insert
C-7582-A	Open hearth fireplace	Gas Insert
C-7588-A	Open hearth fireplace	Gas Insert
C-7589-A	Open hearth fireplace	Gas Insert
C-7591-A	Open hearth fireplace	Gas Insert
C-7592-A	Open hearth fireplace	Gas Insert
C-7593-A	Open hearth fireplace	Gas Insert
C-7595-A	Open hearth fireplace	Gas Insert
C-7599-A	Open hearth fireplace	Gas Insert
C-7649-A	Open hearth fireplace	Gas Insert
C-7650-A	Open hearth fireplace	Freestanding gas stove
C-7651-A	Open hearth fireplace	Gas Insert
C-7652-A	Open hearth fireplace	Gas Insert
C-7653-A	Open hearth fireplace	Gas Insert
C-7654-A	Open hearth fireplace	Gas Insert
C-7656-A	Open hearth fireplace	Gas Insert
C-7678-A	Open hearth fireplace	Gas Insert
C-7679-A	Open hearth fireplace	Gas Insert
C-7682-A	Open hearth fireplace	Gas Insert
C-7683-A	Open hearth fireplace	Gas Insert
C-7690-A	Open hearth fireplace	Gas Insert
C-7693-A	Open hearth fireplace	Freestanding gas stove
C-7695-A	Open hearth fireplace	Gas Insert
C-7697-A	Open hearth fireplace	Gas Insert
C-7701-A	Open hearth fireplace	Gas Insert
C-7703-A	Open hearth fireplace	Gas Insert
C-7704-A	Open hearth fireplace	Gas Insert
C-7705-A	Open hearth fireplace	Gas Insert
C-7708-A	Open hearth fireplace	Gas Insert
C-7709-A	Open hearth fireplace	Gas Insert
C-7711-A	Open hearth fireplace	Gas Insert

Appendix B-1

Project Number	Old Device	New Device
C-7714-A	Open hearth fireplace	Gas Insert
C-7717-A	Open hearth fireplace	Gas Insert
C-7729-A	Open hearth fireplace	Gas Insert
C-7732-A	Open hearth fireplace	Gas Insert
C-7749-A	Open hearth fireplace	Gas Insert
C-7752-A	Open hearth fireplace	Gas Insert
C-7753-A	Open hearth fireplace	Gas Insert
C-7755-A	Open hearth fireplace	Gas Insert
C-7756-A	Open hearth fireplace	Gas Insert
C-7757-A	Open hearth fireplace	Gas Insert
C-7758-A	Open hearth fireplace	Gas Insert
C-7759-A	Open hearth fireplace	Gas Insert
C-7760-A	Open hearth fireplace	Gas Insert
C-7761-A	Open hearth fireplace	Gas Insert
C-7773-A	Open hearth fireplace	Gas Insert
C-7774-A	Open hearth fireplace	Gas Insert
C-7775-A	Open hearth fireplace	Gas Insert
C-7777-A	Open hearth fireplace	Gas Insert
C-7778-A	Open hearth fireplace	Gas Insert
C-7779-A	Open hearth fireplace	Gas Insert
C-7802-A	Open hearth fireplace	Gas Insert
C-7803-A	Open hearth fireplace	Gas Insert
C-7805-A	Open hearth fireplace	Gas Insert
C-7806-A	Open hearth fireplace	Freestanding gas stove
C-7814-A	Open hearth fireplace	Gas Insert
C-7815-A	Open hearth fireplace	Gas Insert
C-7817-A	Open hearth fireplace	Gas Insert
C-7819-A	Open hearth fireplace	Gas Insert
C-7821-A	Open hearth fireplace	Gas Insert
C-7822-A	Open hearth fireplace	Gas Insert
C-7823-A	Open hearth fireplace	Gas Insert
C-7824-A	Open hearth fireplace	Gas Insert
C-7825-A	Open hearth fireplace	Gas Insert
C-7827-A	Open hearth fireplace	Gas Insert
C-7832-A	Open hearth fireplace	Gas Insert
C-7834-A	Open hearth fireplace	Gas Insert
C-7867-A	Open hearth fireplace	Gas Insert
C-7869-A	Open hearth fireplace	Gas Insert
C-7870-A	Open hearth fireplace	Gas Insert
C-7873-A	Open hearth fireplace	Gas Insert
C-7902-A	Open hearth fireplace	Gas Insert
C-7916-A	Open hearth fireplace	Gas Insert
C-7926-A	Open hearth fireplace	Gas Insert
C-7927-A	Open hearth fireplace	Gas Insert
C-7929-A	Open hearth fireplace	Gas Insert
C-7931-A	Open hearth fireplace	Gas Insert
C-7932-A	Open hearth fireplace	Gas Insert
C-8015-A	Open hearth fireplace	Gas Insert
C-8016-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-8019-A	Open hearth fireplace	Gas Insert
C-8021-A	Open hearth fireplace	Gas Insert
C-8023-A	Open hearth fireplace	Gas Insert
C-8024-A	Open hearth fireplace	Gas Insert
C-8025-A	Open hearth fireplace	Freestanding gas stove
C-8171-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-8174-A	Open hearth fireplace	Gas Insert
C-8177-A	Open hearth fireplace	Gas Insert
C-8233-A	Open hearth fireplace	Gas Insert
C-8234-A	Open hearth fireplace	Gas Insert
C-8239-A	Open hearth fireplace	Gas Insert
C-8240-A	Open hearth fireplace	Gas Insert
C-8400-A	Open hearth fireplace	Gas Insert
C-8656-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-8660-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-8665-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-8911-A	Open hearth fireplace	Gas Insert
C-8915-A	Open hearth fireplace	Gas Insert
C-8921-A	Open hearth fireplace	Gas Insert
C-9006-A	Open hearth fireplace	Gas Insert
C-9010-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-9011-A	Open hearth fireplace	Gas Insert
C-9012-A	Open hearth fireplace	Gas Insert
C-9013-A	Open hearth fireplace	Gas Insert
C-9015-A	Open hearth fireplace	Gas Insert
C-9016-A	Open hearth fireplace	Freestanding gas stove
C-9017-A	Open hearth fireplace	Gas Insert
C-9020-A	Open hearth fireplace	Gas Insert
C-9056-A	Open hearth fireplace	Gas Insert
C-9062-A	Open hearth fireplace	Gas Insert
C-9064-A	Open hearth fireplace	Gas Insert
C-9066-A	Open hearth fireplace	Gas Insert
C-9114-A	Open hearth fireplace	Gas Insert
C-9117-A	Open hearth fireplace	Gas Insert
C-9197-A	Open hearth fireplace	Gas Insert
C-9200-A	Open hearth fireplace	Gas Insert
C-9239-A	Open hearth fireplace	Gas Insert
C-9241-A	Open hearth fireplace	Gas Insert
C-9243-A	Open hearth fireplace	Gas Insert
C-9248-A	Open hearth fireplace	Gas Insert
C-9294-A	Open hearth fireplace	Gas Insert
C-9606-A	Open hearth fireplace	Gas Insert
C-9678-A	Open hearth fireplace	Gas Insert
C-9680-A	Open hearth fireplace	Gas Insert
C-9733-A	Open hearth fireplace	Freestanding gas stove
C-9740-A	Open hearth fireplace	Gas Insert
C-9744-A	Open hearth fireplace	Gas Insert
C-9745-A	Open hearth fireplace	Gas Insert
C-9746-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-9747-A	Open hearth fireplace	Gas Insert
C-9748-A	Open hearth fireplace	Gas Insert
C-9771-A	Open hearth fireplace	Gas Insert
C-9773-A	Open hearth fireplace	Gas Insert
C-9774-A	Open hearth fireplace	Freestanding gas stove
C-9777-A	Open hearth fireplace	Gas Insert
C-9778-A	Open hearth fireplace	Gas Insert
C-9800-A	Open hearth fireplace	Gas Insert
C-9802-A	Open hearth fireplace	Gas Insert
C-9804-A	Open hearth fireplace	Gas Insert
C-9805-A	Open hearth fireplace	Gas Insert
C-9806-A	Open hearth fireplace	Gas Insert
C-9809-A	Open hearth fireplace	Gas Insert
C-9810-A	Open hearth fireplace	Gas Insert
C-9811-A	Open hearth fireplace	Gas Insert
C-9812-A	Open hearth fireplace	Gas Insert
C-9821-A	Open hearth fireplace	Gas Insert
C-9822-A	Open hearth fireplace	Gas Insert
C-9823-A	Open hearth fireplace	Gas Insert
C-9850-A	Open hearth fireplace	Gas Insert
C-9851-A	Open hearth fireplace	Gas Insert
C-9853-A	Open hearth fireplace	Gas Insert
C-9862-A	Open hearth fireplace	Gas Insert
C-9863-A	Open hearth fireplace	Gas Insert
C-9864-A	Open hearth fireplace	Gas Insert
C-9865-A	Open hearth fireplace	Gas Insert
C-9869-A	Open hearth fireplace	Gas Insert
C-9872-A	Open hearth fireplace	Gas Insert
C-9873-A	Open hearth fireplace	Gas Insert
C-9874-A	Open hearth fireplace	Gas Insert
C-9875-A	Open hearth fireplace	Gas Insert
C-9876-A	Open hearth fireplace	Gas Insert
C-9886-A	Open hearth fireplace	Gas Insert
C-9887-A	Open hearth fireplace	Gas Insert
C-9888-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-9890-A	Open hearth fireplace	Gas Insert
C-9891-A	Open hearth fireplace	Gas Insert
C-9892-A	Open hearth fireplace	Gas Insert
C-9904-A	Open hearth fireplace	Gas Insert
C-9906-A	Open hearth fireplace	Gas Fireplace (pre-authorization required)
C-9907-A	Open hearth fireplace	Gas Insert
C-9916-A	Open hearth fireplace	Gas Insert
C-9918-A	Open hearth fireplace	Gas Insert
C-9920-A	Open hearth fireplace	Gas Insert
C-9921-A	Open hearth fireplace	Gas Insert
C-9922-A	Open hearth fireplace	Gas Insert
C-9923-A	Open hearth fireplace	Gas Insert
C-9951-A	Open hearth fireplace	Gas Insert
C-9953-A	Open hearth fireplace	Gas Insert

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Project Number	Old Device	New Device
C-9954-A	Open hearth fireplace	Gas Insert
C-9958-A	Open hearth fireplace	Gas Insert
C-9975-A	Open hearth fireplace	Gas Insert
C-9977-A	Open hearth fireplace	Gas Insert
C-9978-A	Open hearth fireplace	Gas Insert
C-9985-A	Open hearth fireplace	Gas Insert
C-9986-A	Open hearth fireplace	Gas Insert
F-0027	Open hearth fireplace	Gas insert
F-0028	Open hearth fireplace	Gas insert
F-0029	Open hearth fireplace	Gas insert
F-0034	Open hearth fireplace	Gas insert
F-0035	Open hearth fireplace	Gas insert
F-0036	Open hearth fireplace	Gas insert
F-0038	Open hearth fireplace	Gas insert
F-0039	Open hearth fireplace	Gas insert
F-0040	Open hearth fireplace	Gas insert
F-0042	Open hearth fireplace	Gas insert
F-0046	Open hearth fireplace	Gas insert
F-0049	Open hearth fireplace	Gas insert
F-0050	Open hearth fireplace	Gas insert
F-0051	Open hearth fireplace	Gas insert
F-0052	Open hearth fireplace	Gas insert
F-0053	Open hearth fireplace	Gas insert
F-0056	Open hearth fireplace	Gas insert
F-0060	Open hearth fireplace	Gas insert
F-0062	Open hearth fireplace	Gas insert
F-0063	Open hearth fireplace	Gas insert
F-0065	Open hearth fireplace	Gas insert
F-0066	Open hearth fireplace	Gas insert
F-0067	Open hearth fireplace	Gas insert
F-0068	Open hearth fireplace	Gas insert
F-0069	Open hearth fireplace	Gas insert
F-0070	Open hearth fireplace	Gas insert
F-0072	Open hearth fireplace	Gas insert
F-0073	Open hearth fireplace	Gas insert
F-0074	Open hearth fireplace	Gas insert
F-0078	Open hearth fireplace	Gas insert
F-0079	Open hearth fireplace	Gas insert
F-0080	Open hearth fireplace	Gas insert
F-0081	Open hearth fireplace	Gas insert
F-0088	Open hearth fireplace	Gas insert
F-0092	Open hearth fireplace	Gas insert
F-0093	Open hearth fireplace	Gas insert
F-0096	Open hearth fireplace	Gas insert
F-0097	Open hearth fireplace	Gas insert
F-0098	Open hearth fireplace	Gas insert
F-0099	Open hearth fireplace	Gas insert
F-0102	Open hearth fireplace	Gas insert
F-0103	Open hearth fireplace	Gas insert

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Project Number	Old Device	New Device
F-0105	Open hearth fireplace	Gas insert
F-0106	Open hearth fireplace	Gas insert
F-0111	Open hearth fireplace	Gas insert
F-0112	Open hearth fireplace	Gas insert
F-0113	Open hearth fireplace	Gas insert
F-0114	Open hearth fireplace	Gas insert
F-0115	Open hearth fireplace	Gas insert
F-0116	Open hearth fireplace	Gas insert
F-0117	Open hearth fireplace	Gas insert
F-0120	Open hearth fireplace	Gas insert
F-0121	Open hearth fireplace	Gas insert
F-0122	Open hearth fireplace	Gas insert
F-0124	Open hearth fireplace	Gas insert
F-0125	Open hearth fireplace	Gas insert
F-0126	Open hearth fireplace	Gas insert
F-0127	Open hearth fireplace	Gas insert
F-0129	Open hearth fireplace	Gas insert
F-0130	Open hearth fireplace	Gas insert
F-0131	Open hearth fireplace	Gas insert
F-0132	Open hearth fireplace	Gas Insert
F-0137	Open hearth fireplace	Gas insert
F-0138	Open hearth fireplace	Gas insert
F-0139	Open hearth fireplace	Gas insert
F-0142	Open hearth fireplace	Gas insert
F-0143	Open hearth fireplace	Gas insert
F-0145	Open hearth fireplace	Gas insert
F-0146	Open hearth fireplace	Gas insert
F-0148	Open hearth fireplace	Gas insert
F-0149	Open hearth fireplace	Gas insert
F-0152	Open hearth fireplace	Gas insert
F-0155	Open hearth fireplace	Gas insert
F-0156	Open hearth fireplace	Gas insert
F-0157	Open hearth fireplace	Gas insert
F-0158	Open hearth fireplace	Gas insert
F-0164	Open hearth fireplace	Gas insert
F-0169	Open hearth fireplace	Gas insert
F-0177	Open hearth fireplace	Gas insert
F-0180	Open hearth fireplace	Gas insert
F-0181	Open hearth fireplace	Gas insert
F-0183	Open hearth fireplace	Gas insert
F-0189	Open hearth fireplace	Gas insert
F-0192	Open hearth fireplace	Gas insert
F-0193	Open hearth fireplace	Gas insert
F-0198	Open hearth fireplace	Gas insert
F-0200	Open hearth fireplace	Gas insert
F-0203	Open hearth fireplace	Gas insert
F-0206	Open hearth fireplace	Gas insert
F-0221	Open hearth fireplace	Gas insert
F-0244	Open hearth fireplace	Gas insert

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Project Number	Old Device	New Device
F-0253	Open hearth fireplace	Gas insert
F-0264	Open hearth fireplace	Gas insert
F-0265	Open hearth fireplace	Gas insert
F-0267	Open hearth fireplace	Gas insert
F-0268	Open hearth fireplace	Gas insert
F-0270	Open hearth fireplace	Gas insert
F-0271	Open hearth fireplace	Gas insert
F-0272	Open hearth fireplace	Gas insert
F-0273	Open hearth fireplace	Gas insert
F-0274	Open hearth fireplace	Gas insert
F-0278	Open hearth fireplace	Gas insert
Non-certified wood device to Certified wood device		
C-14062-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-17063-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-17293-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-17777-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-17875-A	Non-certified wood insert	Certified wood insert
C-17921-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-18570-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-19732-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-19847-A	Non-certified wood insert	Certified wood insert
C-23085-A	Non-certified wood insert	Certified wood insert
C-26901-A	Non-certified wood insert	Certified wood insert
C-27068-A	Non-certified wood insert	Certified wood insert
C-27472-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-27881-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-27923-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-28062-A	Non-certified wood insert	Certified wood insert
C-3383-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-3511-A	Non-certified wood insert	Certified wood insert
C-3531-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-3557-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-3755-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-3799-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-3802-A	Freestanding non-certified wood stove	Certified wood insert
C-3885-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-4155-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-4217-A	Non-certified wood insert	Certified wood insert
C-4479-A	Non-certified wood insert	Certified wood insert
C-4490-A	Non-certified wood insert	Certified wood insert
C-6907-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-7039-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-7764-A	Freestanding non-certified wood stove	Freestanding certified wood stove
C-7829-A	Non-certified wood insert	Certified wood insert
F-0026	Freestanding non-certified wood stove	Freestanding certified wood stove
F-0089	Freestanding non-certified wood stove	Freestanding certified wood stove
F-0090	Freestanding non-certified wood stove	Freestanding certified wood stove
F-0094	Non-certified wood insert	Certified wood insert

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Project Number	Old Device	New Device
F-0108	Freestanding non-certified wood stove	Freestanding certified wood stove
F-0140	Freestanding non-certified wood stove	Freestanding certified wood stove
F-0151	Non-certified wood insert	Certified wood insert
F-0173	Freestanding non-certified wood stove	Certified wood insert
F-0179	Freestanding non-certified wood stove	Certified wood insert
F-0194	Non-certified wood insert	Certified wood insert
F-0260	Non-certified wood insert	Certified wood insert
Non-certified wood device to Certified pellet device		
C-13493-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
C-15975-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
C-17940-A	Non-certified wood insert	Certified pellet insert
C-18011-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
C-18153-A	Non-certified wood insert	Certified pellet insert
C-18169-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
C-18540-A	Non-certified wood insert	Certified pellet insert
C-23184-A	Non-certified wood insert	Certified pellet insert
C-26710-A	Non-certified wood insert	Certified pellet insert
C-26844-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
C-27475-A	Non-certified wood insert	Certified pellet insert
C-28883-A	Non-certified wood insert	Certified pellet insert
C-3348-A	Non-certified wood insert	Certified pellet insert
C-3446-A	Non-certified wood insert	Certified pellet insert
C-3870-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
C-4548-A	Non-certified wood insert	Certified pellet insert
C-5635-A	Non-certified wood insert	Certified pellet insert
C-5684-A	Non-certified wood insert	Certified pellet insert
C-5924-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
C-6904-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
C-7138-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
C-9679-A	Freestanding non-certified wood stove	Freestanding certified pellet stove
F-0033	Non-certified wood insert	Certified pellet insert
F-0071	Freestanding non-certified wood stove	Freestanding certified pellet stove
F-0100	Non-certified wood insert	Freestanding certified pellet stove
F-0104	Non-certified wood insert	Certified pellet insert
F-0135	Freestanding non-certified wood stove	Freestanding certified pellet stove
F-0300	Non-certified wood insert	Certified pellet insert
Non-certified wood device to Gas device		
C-10069-A	Non-certified wood insert	Gas Insert
C-10071-A	Freestanding non-certified wood stove	Freestanding gas stove
C-13548-A	Freestanding non-certified wood stove	Freestanding gas stove
C-14053-A	Non-certified wood insert	Gas Insert
C-14056-A	Non-certified wood insert	Gas Insert
C-14931-A	Non-certified wood insert	Gas Insert
C-15172-A	Non-certified wood insert	Gas Insert
C-15175-A	Non-certified wood insert	Gas Insert
C-15176-A	Non-certified wood insert	Gas Insert
C-15319-A	Non-certified wood insert	Gas Insert

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Project Number	Old Device	New Device
C-15322-A	Non-certified wood insert	Gas Insert
C-15395-A	Non-certified wood insert	Gas Insert
C-15396-A	Non-certified wood insert	Gas Insert
C-15483-A	Non-certified wood insert	Gas Insert
C-15977-A	Non-certified wood insert	Gas Insert
C-16074-A	Non-certified wood insert	Gas Insert
C-16083-A	Non-certified wood insert	Gas Insert
C-16365-A	Non-certified wood insert	Gas Insert
C-16513-A	Non-certified wood insert	Gas Insert
C-16572-A	Non-certified wood insert	Gas Insert
C-16679-A	Freestanding non-certified wood stove	Freestanding gas stove
C-16954-A	Freestanding non-certified wood stove	Freestanding gas stove
C-16955-A	Non-certified wood insert	Gas Insert
C-17053-A	Non-certified wood insert	Gas Insert
C-17117-A	Non-certified wood insert	Gas Insert
C-17118-A	Non-certified wood insert	Gas Insert
C-17251-A	Freestanding non-certified wood stove	Freestanding gas stove
C-17360-A	Freestanding non-certified wood stove	Freestanding gas stove
C-17446-A	Non-certified wood insert	Gas Insert
C-17542-A	Non-certified wood insert	Freestanding gas stove
C-17658-A	Non-certified wood insert	Gas Insert
C-17846-A	Non-certified wood insert	Gas Insert
C-17937-A	Non-certified wood insert	Gas Insert
C-17990-A	Non-certified wood insert	Gas Insert
C-17995-A	Non-certified wood insert	Gas Insert
C-17998-A	Non-certified wood insert	Gas Insert
C-18041-A	Non-certified wood insert	Gas Insert
C-18069-A	Non-certified wood insert	Gas Insert
C-18145-A	Non-certified wood insert	Gas Insert
C-18152-A	Non-certified wood insert	Gas Insert
C-18165-A	Non-certified wood insert	Gas Insert
C-18176-A	Non-certified wood insert	Gas Insert
C-18243-A	Non-certified wood insert	Gas Insert
C-18260-A	Non-certified wood insert	Gas Insert
C-18284-A	Non-certified wood insert	Gas Insert
C-18286-A	Non-certified wood insert	Gas Insert
C-18295-A	Freestanding non-certified wood stove	Freestanding gas stove
C-18355-A	Non-certified wood insert	Gas Insert
C-18378-A	Non-certified wood insert	Gas Insert
C-18419-A	Non-certified wood insert	Gas Insert
C-18532-A	Non-certified wood insert	Gas Insert
C-18535-A	Non-certified wood insert	Gas Insert
C-18641-A	Non-certified wood insert	Gas Insert
C-18652-A	Non-certified wood insert	Gas Insert
C-18762-A	Non-certified wood insert	Gas Insert
C-18763-A	Non-certified wood insert	Gas Insert
C-18766-A	Non-certified wood insert	Gas Insert
C-18779-A	Non-certified wood insert	Gas Insert
C-18830-A	Non-certified wood insert	Gas Insert

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Project Number	Old Device	New Device
C-18870-A	Non-certified wood insert	Gas Insert
C-18943-A	Freestanding non-certified wood stove	Freestanding gas stove
C-18951-A	Freestanding non-certified wood stove	Freestanding gas stove
C-19013-A	Non-certified wood insert	Gas Insert
C-19021-A	Freestanding non-certified wood stove	Freestanding gas stove
C-19040-A	Non-certified wood insert	Gas Insert
C-19184-A	Non-certified wood insert	Gas Insert
C-19314-A	Non-certified wood insert	Gas Insert
C-19477-A	Freestanding non-certified wood stove	Freestanding gas stove
C-19615-A	Freestanding non-certified wood stove	Freestanding gas stove
C-19617-A	Non-certified wood insert	Gas Insert
C-19618-A	Non-certified wood insert	Gas Insert
C-19979-A	Non-certified wood insert	Gas Insert
C-19997-A	Non-certified wood insert	Gas Insert
C-20094-A	Non-certified wood insert	Gas Insert
C-20343-A	Freestanding non-certified wood stove	Freestanding gas stove
C-20464-A	Non-certified wood insert	Gas Insert
C-20507-A	Non-certified wood insert	Gas Insert
C-20511-A	Non-certified wood insert	Gas Insert
C-20675-A	Non-certified wood insert	Gas Insert
C-20756-A	Freestanding non-certified wood stove	Gas Fireplace (pre-authorization required)
C-20763-A	Non-certified wood insert	Gas Insert
C-20781-A	Non-certified wood insert	Gas Insert
C-20859-A	Non-certified wood insert	Gas Insert
C-20912-A	Non-certified wood insert	Gas Insert
C-20914-A	Non-certified wood insert	Gas Insert
C-20916-A	Non-certified wood insert	Gas Insert
C-20918-A	Non-certified wood insert	Gas Insert
C-20938-A	Freestanding non-certified wood stove	Freestanding gas stove
C-20945-A	Freestanding non-certified wood stove	Freestanding gas stove
C-20980-A	Non-certified wood insert	Gas Insert
C-20984-A	Non-certified wood insert	Gas Insert
C-21068-A	Non-certified wood insert	Gas Insert
C-21069-A	Non-certified wood insert	Gas Insert
C-21234-A	Non-certified wood insert	Gas Insert
C-21417-A	Non-certified wood insert	Gas Insert
C-21422-A	Non-certified wood insert	Gas Insert
C-21424-A	Non-certified wood insert	Gas Insert
C-21609-A	Non-certified wood insert	Gas Insert
C-21619-A	Non-certified wood insert	Gas Insert
C-21627-A	Non-certified wood insert	Gas Insert
C-21775-A	Non-certified wood insert	Gas Insert
C-21799-A	Freestanding non-certified wood stove	Freestanding gas stove
C-21849-A	Non-certified wood insert	Gas Insert
C-21926-A	Non-certified wood insert	Gas Insert
C-21955-A	Non-certified wood insert	Gas Insert
C-21958-A	Freestanding non-certified wood stove	Freestanding gas stove
C-21964-A	Non-certified wood insert	Gas Insert
C-22011-A	Non-certified wood insert	Gas Insert

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Project Number	Old Device	New Device
C-22012-A	Non-certified wood insert	Gas Insert
C-22082-A	Non-certified wood insert	Gas Insert
C-22134-A	Non-certified wood insert	Gas Insert
C-22136-A	Non-certified wood insert	Gas Insert
C-22234-A	Non-certified wood insert	Gas Insert
C-22294-A	Non-certified wood insert	Gas Insert
C-22371-A	Non-certified wood insert	Gas Insert
C-22418-A	Non-certified wood insert	Gas Insert
C-22515-A	Non-certified wood insert	Gas Insert
C-22521-A	Non-certified wood insert	Gas Insert
C-22584-A	Non-certified wood insert	Gas Insert
C-22589-A	Non-certified wood insert	Gas Insert
C-22678-A	Non-certified wood insert	Gas Insert
C-22956-A	Non-certified wood insert	Gas Insert
C-22974-A	Non-certified wood insert	Gas Insert
C-22994-A	Freestanding non-certified wood stove	Freestanding gas stove
C-23080-A	Freestanding non-certified wood stove	Freestanding gas stove
C-23172-A	Non-certified wood insert	Gas Insert
C-23210-A	Non-certified wood insert	Gas Insert
C-23218-A	Non-certified wood insert	Gas Insert
C-23219-A	Non-certified wood insert	Gas Insert
C-23220-A	Non-certified wood insert	Gas Insert
C-23237-A	Non-certified wood insert	Gas Fireplace (pre-authorization required)
C-23252-A	Non-certified wood insert	Gas Insert
C-23348-A	Non-certified wood insert	Gas Insert
C-23429-A	Non-certified wood insert	Gas Insert
C-23486-A	Non-certified wood insert	Gas Insert
C-23488-A	Non-certified wood insert	Gas Insert
C-23509-A	Non-certified wood insert	Gas Insert
C-23628-A	Freestanding non-certified wood stove	Freestanding gas stove
C-23778-A	Freestanding non-certified wood stove	Freestanding gas stove
C-23803-A	Non-certified wood insert	Gas Insert
C-23929-A	Non-certified wood insert	Gas Insert
C-23934-A	Non-certified wood insert	Gas Insert
C-23963-A	Non-certified wood insert	Gas Insert
C-23990-A	Freestanding non-certified wood stove	Freestanding gas stove
C-23994-A	Freestanding non-certified wood stove	Freestanding gas stove
C-24045-A	Non-certified wood insert	Gas Insert
C-24128-A	Non-certified wood insert	Gas Insert
C-24157-A	Non-certified wood insert	Gas Insert
C-24217-A	Non-certified wood insert	Gas Fireplace (pre-authorization required)
C-24252-A	Non-certified wood insert	Gas Insert
C-24711-A	Freestanding non-certified wood stove	Gas Insert
C-24771-A	Non-certified wood insert	Gas Insert
C-24995-A	Non-certified wood insert	Gas Insert
C-25235-A	Freestanding non-certified wood stove	Freestanding gas stove
C-25486-A	Non-certified wood insert	Gas Insert
C-25487-A	Non-certified wood insert	Gas Insert
C-25545-A	Freestanding non-certified wood stove	Freestanding gas stove

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Project Number	Old Device	New Device
C-25657-A	Non-certified wood insert	Gas Insert
C-25852-A	Non-certified wood insert	Gas Insert
C-25865-A	Freestanding non-certified wood stove	Freestanding gas stove
C-25918-A	Non-certified wood insert	Gas Insert
C-25991-A	Non-certified wood insert	Gas Insert
C-26085-A	Non-certified wood insert	Gas Insert
C-26335-A	Non-certified wood insert	Gas Insert
C-26488-A	Non-certified wood insert	Gas Insert
C-26491-A	Non-certified wood insert	Gas Insert
C-26499-A	Non-certified wood insert	Gas Insert
C-26600-A	Non-certified wood insert	Gas Insert
C-26603-A	Non-certified wood insert	Gas Insert
C-26608-A	Non-certified wood insert	Gas Insert
C-26609-A	Non-certified wood insert	Gas Insert
C-26611-A	Non-certified wood insert	Gas Insert
C-26780-A	Non-certified wood insert	Gas Insert
C-26781-A	Non-certified wood insert	Gas Insert
C-26783-A	Non-certified wood insert	Gas Insert
C-26789-A	Freestanding non-certified wood stove	Freestanding gas stove
C-26790-A	Non-certified wood insert	Gas Insert
C-26802-A	Non-certified wood insert	Gas Insert
C-26822-A	Non-certified wood insert	Gas Insert
C-26896-A	Non-certified wood insert	Gas Insert
C-26904-A	Non-certified wood insert	Gas Insert
C-26908-A	Non-certified wood insert	Gas Insert
C-26975-A	Non-certified wood insert	Gas Insert
C-27012-A	Freestanding non-certified wood stove	Freestanding gas stove
C-27218-A	Non-certified wood insert	Gas Insert
C-27222-B	Non-certified wood insert	Gas Insert
C-27223-A	Freestanding non-certified wood stove	Freestanding gas stove
C-27330-A	Non-certified wood insert	Gas Insert
C-27361-A	Non-certified wood insert	Gas Insert
C-27444-A	Non-certified wood insert	Gas Insert
C-27452-A	Non-certified wood insert	Gas Insert
C-27467-A	Non-certified wood insert	Gas Insert
C-27491-A	Non-certified wood insert	Gas Insert
C-27509-A	Non-certified wood insert	Gas Insert
C-27540-A	Non-certified wood insert	Gas Insert
C-27550-A	Non-certified wood insert	Gas Insert
C-27599-A	Non-certified wood insert	Gas Insert
C-27652-A	Non-certified wood insert	Gas Insert
C-27735-A	Non-certified wood insert	Gas Insert
C-27802-A	Non-certified wood insert	Gas Insert
C-27806-A	Non-certified wood insert	Gas Insert
C-27807-A	Non-certified wood insert	Gas Insert
C-27860-A	Freestanding non-certified wood stove	Freestanding gas stove
C-27883-A	Non-certified wood insert	Gas Insert
C-27965-A	Non-certified wood insert	Gas Insert
C-27969-A	Non-certified wood insert	Gas Insert

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Project Number	Old Device	New Device
C-27975-A	Non-certified wood insert	Gas Insert
C-28011-A	Non-certified wood insert	Gas Insert
C-28129-A	Non-certified wood insert	Gas Insert
C-28145-A	Non-certified wood insert	Gas Insert
C-28160-A	Non-certified wood insert	Gas Insert
C-28193-A	Non-certified wood insert	Gas Insert
C-28454-A	Non-certified wood insert	Gas Insert
C-28531-A	Non-certified wood insert	Gas Insert
C-3354-A	Non-certified wood insert	Gas Insert
C-3356-A	Non-certified wood insert	Gas Insert
C-3362-A	Non-certified wood insert	Gas Insert
C-3365-A	Non-certified wood insert	Gas Insert
C-3377-A	Non-certified wood insert	Gas Insert
C-3381-A	Non-certified wood insert	Gas Insert
C-3421-A	Non-certified wood insert	Gas Insert
C-3432-A	Non-certified wood insert	Freestanding gas stove
C-3435-A	Non-certified wood insert	Gas Insert
C-3440-A	Non-certified wood insert	Gas Insert
C-3453-A	Non-certified wood insert	Gas Insert
C-3467-A	Non-certified wood insert	Gas Insert
C-3490-A	Non-certified wood insert	Gas Insert
C-3491-A	Non-certified wood insert	Gas Insert
C-3548-A	Non-certified wood insert	Gas Insert
C-3588-A	Freestanding non-certified wood stove	Gas Insert
C-3596-A	Non-certified wood insert	Gas Insert
C-3597-A	Non-certified wood insert	Gas Insert
C-3599-A	Non-certified wood insert	Freestanding gas stove
C-3621-A	Non-certified wood insert	Gas Insert
C-3627-A	Non-certified wood insert	Gas Insert
C-3628-A	Non-certified wood insert	Gas Insert
C-3629-A	Non-certified wood insert	Gas Insert
C-3631-A	Freestanding non-certified wood stove	Gas Insert
C-3643-A	Non-certified wood insert	Gas Insert
C-3650-A	Non-certified wood insert	Gas Insert
C-3654-A	Non-certified wood insert	Gas Insert
C-3655-A	Freestanding non-certified wood stove	Freestanding gas stove
C-3658-A	Non-certified wood insert	Gas Insert
C-3707-A	Non-certified wood insert	Gas Insert
C-3733-A	Non-certified wood insert	Gas Insert
C-3770-A	Non-certified wood insert	Gas Insert
C-3835-A	Non-certified wood insert	Gas Insert
C-3841-A	Non-certified wood insert	Gas Insert
C-3858-A	Freestanding non-certified wood stove	Freestanding gas stove
C-3860-A	Non-certified wood insert	Gas Insert
C-3878-A	Non-certified wood insert	Gas Insert
C-3881-A	Non-certified wood insert	Gas Insert
C-3891-A	Non-certified wood insert	Gas Insert
C-3904-A	Non-certified wood insert	Gas Insert
C-3911-A	Non-certified wood insert	Gas Insert

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Project Number	Old Device	New Device
C-3922-A	Non-certified wood insert	Gas Insert
C-4049-A	Non-certified wood insert	Gas Insert
C-4065-A	Non-certified wood insert	Gas Insert
C-4191-A	Non-certified wood insert	Gas Insert
C-4196-A	Freestanding non-certified wood stove	Freestanding gas stove
C-4210-A	Non-certified wood insert	Gas Insert
C-4225-A	Non-certified wood insert	Gas Insert
C-4241-A	Non-certified wood insert	Gas Insert
C-4268-A	Non-certified wood insert	Gas Insert
C-4292-A	Non-certified wood insert	Gas Insert
C-4295-A	Non-certified wood insert	Gas Insert
C-4297-A	Non-certified wood insert	Gas Insert
C-4298-A	Non-certified wood insert	Gas Insert
C-4301-A	Non-certified wood insert	Gas Insert
C-4303-A	Non-certified wood insert	Gas Insert
C-4318-A	Non-certified wood insert	Gas Insert
C-4336-A	Non-certified wood insert	Gas Insert
C-4340-A	Freestanding non-certified wood stove	Gas Fireplace (pre-authorization required)
C-4366-A	Freestanding non-certified wood stove	Freestanding gas stove
C-4383-A	Non-certified wood insert	Gas Insert
C-4385-A	Non-certified wood insert	Gas Insert
C-4389-A	Non-certified wood insert	Gas Insert
C-4421-A	Non-certified wood insert	Gas Insert
C-4432-A	Non-certified wood insert	Gas Insert
C-4453-A	Non-certified wood insert	Gas Insert
C-4462-A	Non-certified wood insert	Gas Fireplace (pre-authorization required)
C-4469-A	Freestanding non-certified wood stove	Freestanding gas stove
C-4505-A	Non-certified wood insert	Gas Insert
C-4512-A	Non-certified wood insert	Gas Insert
C-4527-A	Non-certified wood insert	Gas Insert
C-4530-A	Non-certified wood insert	Gas Insert
C-4535-A	Non-certified wood insert	Gas Insert
C-4547-A	Non-certified wood insert	Gas Insert
C-4551-A	Freestanding non-certified wood stove	Freestanding gas stove
C-5101-A	Non-certified wood insert	Gas Insert
C-6735-A	Non-certified wood insert	Gas Insert
C-6909-A	Non-certified wood insert	Gas Insert
C-7026-A	Freestanding non-certified wood stove	Freestanding gas stove
C-7077-A	Non-certified wood insert	Gas Insert
C-7096-A	Non-certified wood insert	Gas Insert
C-7111-A	Freestanding non-certified wood stove	Gas Insert
C-7127-A	Non-certified wood insert	Gas Insert
C-7143-A	Non-certified wood insert	Freestanding gas stove
C-7176-A	Non-certified wood insert	Gas Insert
C-7333-A	Non-certified wood insert	Gas Insert
C-7364-A	Non-certified wood insert	Gas Insert
C-7370-A	Freestanding non-certified wood stove	Freestanding gas stove
C-7393-A	Freestanding non-certified wood stove	Freestanding gas stove
C-7426-A	Non-certified wood insert	Gas Insert

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Project Number	Old Device	New Device
C-7535-A	Non-certified wood insert	Gas Insert
C-7545-A	Non-certified wood insert	Gas Insert
C-7567-A	Non-certified wood insert	Gas Insert
C-7569-A	Non-certified wood insert	Gas Insert
C-7596-A	Non-certified wood insert	Gas Insert
C-7598-A	Non-certified wood insert	Gas Insert
C-7677-A	Freestanding non-certified wood stove	Freestanding gas stove
C-7723-A	Non-certified wood insert	Gas Insert
C-7804-A	Non-certified wood insert	Gas Insert
C-7871-A	Non-certified wood insert	Gas Insert
C-8172-A	Freestanding non-certified wood stove	Freestanding gas stove
C-8399-A	Freestanding non-certified wood stove	Freestanding gas stove
C-8668-A	Non-certified wood insert	Gas Insert
C-9063-A	Non-certified wood insert	Gas Insert
C-9808-A	Non-certified wood insert	Gas Insert
C-9871-A	Non-certified wood insert	Gas Insert
C-9905-A	Freestanding non-certified wood stove	Gas Insert
F-0043	Non-certified wood insert	Gas insert
F-0045	Non-certified wood insert	Gas insert
F-0058	Non-certified wood insert	Gas insert
F-0059	Non-certified wood insert	Gas insert
F-0061	Non-certified wood insert	Gas insert
F-0085	Freestanding non-certified wood stove	Freestanding gas stove
F-0086	Non-certified wood insert	Gas insert
F-0091	Non-certified wood insert	Gas insert
F-0095	Freestanding non-certified wood stove	Freestanding gas stove
F-0101	Freestanding non-certified wood stove	Freestanding gas stove
F-0136	Non-certified wood insert	Gas insert
F-0153	Non-certified wood insert	Gas insert
F-0160	Non-certified wood insert	Gas insert
F-0168	Non-certified wood insert	Gas insert
F-0199	Freestanding non-certified wood stove	Freestanding gas stove
F-0204	Non-certified wood insert	Gas insert
F-0205	Non-certified wood insert	Gas insert
F-0208	Non-certified wood insert	Gas insert
F-0263	Non-certified wood insert	Gas insert
F-0275	Non-certified wood insert	Gas insert
F-0289	Non-certified wood insert	Gas insert
Non-certified pellet device to Certified pellet device		
C-14446-A	Non-certified pellet insert	Certified pellet insert
C-20936-A	Non-certified pellet insert	Certified pellet insert
Non-certified pellet device to Gas device		
C-10109-A	Non-certified pellet insert	Gas Insert
C-17895-A	Non-certified pellet insert	Gas Insert
C-18048-A	Non-certified pellet insert	Gas Insert
C-18144-A	Non-certified pellet insert	Gas Insert
C-18316-A	Non-certified pellet insert	Gas Insert

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Project Number	Old Device	New Device
C-18338-A	Non-certified pellet insert	Gas Insert
C-18881-A	Non-certified pellet insert	Gas Fireplace (pre-authorization required)
C-18895-A	Non-certified pellet insert	Gas Insert
C-19005-A	Non-certified pellet insert	Gas Insert
C-19012-A	Non-certified pellet insert	Gas Insert
C-20627-A	Freestanding non-certified pellet stove	Freestanding gas stove
C-21133-A	Non-certified pellet insert	Gas Insert
C-21792-A	Non-certified pellet insert	Gas Insert
C-22759-A	Non-certified pellet insert	Gas Insert
C-23236-A	Non-certified pellet insert	Gas Insert
C-23557-A	Non-certified pellet insert	Gas Insert
C-23993-A	Non-certified pellet insert	Gas Insert
C-24773-A	Non-certified pellet insert	Gas Insert
C-25587-A	Non-certified pellet insert	Gas Insert
C-25588-A	Non-certified pellet insert	Gas Insert
C-26791-A	Non-certified pellet insert	Gas Insert
C-26806-A	Non-certified pellet insert	Gas Insert
C-26807-A	Non-certified pellet insert	Gas Insert
C-26911-A	Non-certified pellet insert	Gas Insert
C-27742-A	Non-certified pellet insert	Gas Insert
C-27970-A	Non-certified pellet insert	Gas Insert
C-3413-A	Freestanding non-certified pellet stove	Freestanding gas stove
C-3434-A	Freestanding non-certified pellet stove	Freestanding gas stove
C-3476-A	Non-certified pellet insert	Gas Insert
C-3542-A	Freestanding non-certified pellet stove	Gas Insert
C-3673-A	Non-certified pellet insert	Gas Insert
C-3677-A	Non-certified pellet insert	Gas Insert
C-3725-A	Non-certified pellet insert	Gas Insert
C-3766-A	Non-certified pellet insert	Gas Insert
C-4145-A	Non-certified pellet insert	Gas Insert
C-4456-A	Freestanding non-certified pellet stove	Gas Insert
C-4470-A	Freestanding non-certified pellet stove	Freestanding gas stove
C-6744-A	Freestanding non-certified pellet stove	Freestanding gas stove
C-7230-A	Non-certified pellet insert	Gas Insert
C-7487-A	Non-certified pellet insert	Gas Insert
C-8906-A	Non-certified pellet insert	Gas Insert
C-9014-A	Non-certified pellet insert	Gas Insert
F-0047	Non-certified pellet insert	Gas insert
F-0082	Non-certified pellet insert	Gas insert
F-0141	Non-certified pellet insert	Gas insert
F-0277	Non-certified pellet insert	Gas insert
Certified wood device to Certified pellet device		
C-10778-A	Freestanding certified wood stove	Freestanding certified pellet stove
C-13839-A	Freestanding certified wood stove	Freestanding certified pellet stove
C-15324-A	Certified wood insert	Certified pellet insert
C-23334-A	Certified wood insert	Certified pellet insert
C-25523-A	Certified wood insert	Certified pellet insert
C-3572-A	Freestanding certified wood stove	Certified pellet insert

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Project Number	Old Device	New Device
C-3735-A	Freestanding certified wood stove	Freestanding certified pellet stove
F-0261	Certified wood insert	Certified pellet insert
Certified pellet device to Gas device		
C-12751-A	Certified wood insert	Gas Insert
C-13997-A	Certified wood insert	Gas Insert
C-14149-A	Freestanding certified wood stove	Freestanding gas stove
C-15158-A	Certified wood insert	Gas Insert
C-15275-A	Freestanding certified wood stove	Freestanding gas stove
C-15320-A	Certified wood insert	Gas Insert
C-15441-A	Certified wood insert	Gas Insert
C-15601-A	Freestanding certified wood stove	Freestanding gas stove
C-17045-A	Certified wood insert	Gas Insert
C-17887-A	Certified wood insert	Gas Insert
C-17907-A	Freestanding certified wood stove	Freestanding gas stove
C-17946-A	Certified wood insert	Gas Insert
C-18130-A	Certified wood insert	Gas Insert
C-18230-A	Certified wood insert	Gas Insert
C-18233-A	Certified wood insert	Gas Insert
C-18313-A	Certified wood insert	Gas Insert
C-18336-A	Certified wood insert	Gas Insert
C-18342-A	Freestanding certified wood stove	Freestanding gas stove
C-18359-A	Certified wood insert	Gas Insert
C-18455-A	Certified wood insert	Gas Insert
C-18466-A	Certified wood insert	Gas Insert
C-18467-A	Certified wood insert	Gas Insert
C-18490-A	Certified wood insert	Gas Insert
C-18527-A	Freestanding certified wood stove	Freestanding gas stove
C-18922-A	Certified wood insert	Gas Insert
C-18948-A	Freestanding certified wood stove	Freestanding gas stove
C-18956-A	Freestanding certified wood stove	Freestanding gas stove
C-19105-A	Certified wood insert	Gas Insert
C-19553-A	Certified wood insert	Gas Insert
C-19614-A	Certified wood insert	Gas Insert
C-20149-A	Certified wood insert	Gas Insert
C-20231-A	Certified wood insert	Gas Insert
C-20831-A	Certified wood insert	Gas Insert
C-21229-A	Freestanding certified wood stove	Freestanding gas stove
C-21423-A	Certified wood insert	Gas Insert
C-21638-A	Certified wood insert	Gas Insert
C-22079-A	Certified wood insert	Gas Insert
C-22205-A	Certified wood insert	Gas Insert
C-22747-A	Certified wood insert	Gas Insert
C-23132-A	Freestanding certified wood stove	Freestanding gas stove
C-23442-A	Certified wood insert	Gas Insert
C-23453-A	Certified wood insert	Gas Insert
C-23560-A	Certified wood insert	Gas Insert
C-23686-A	Certified wood insert	Gas Insert
C-23918-A	Freestanding certified wood stove	Freestanding gas stove

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Project Number	Old Device	New Device
C-24044-A	Certified wood insert	Gas Insert
C-24385-A	Certified wood insert	Gas Insert
C-24863-A	Freestanding certified wood stove	Freestanding gas stove
C-25020-A	Certified wood insert	Gas Insert
C-25586-A	Certified wood insert	Gas Insert
C-25979-A	Certified wood insert	Gas Insert
C-26057-A	Certified wood insert	Gas Insert
C-26194-A	Certified wood insert	Gas Insert
C-26281-A	Certified wood insert	Gas Insert
C-26464-A	Certified wood insert	Gas Insert
C-26483-A	Certified wood insert	Gas Insert
C-26757-A	Freestanding certified wood stove	Freestanding gas stove
C-26793-A	Certified wood insert	Gas Insert
C-27258-A	Certified wood insert	Gas Insert
C-27345-A	Certified wood insert	Gas Insert
C-27362-A	Certified wood insert	Gas Insert
C-27474-A	Certified wood insert	Gas Insert
C-27482-A	Certified wood insert	Gas Insert
C-27511-A	Certified wood insert	Gas Insert
C-27529-A	Certified wood insert	Gas Insert
C-27558-A	Certified wood insert	Gas Insert
C-27590-A	Certified wood insert	Gas Insert
C-27764-A	Certified wood insert	Gas Insert
C-28172-A	Certified wood insert	Gas Insert
C-28702-A	Certified wood insert	Gas Insert
C-3364-A	Certified wood insert	Gas Insert
C-3364-B	Certified wood insert	Gas Insert
C-3371-A	Certified wood insert	Gas Insert
C-3379-A	Certified wood insert	Gas Insert
C-3388-A	Certified wood insert	Gas Insert
C-3451-A	Certified wood insert	Freestanding gas stove
C-3482-A	Certified wood insert	Gas Insert
C-3564-A	Certified wood insert	Gas Insert
C-3648-A	Certified wood insert	Gas Insert
C-3687-A	Freestanding certified wood stove	Gas Insert
C-3731-A	Certified wood insert	Gas Insert
C-3765-A	Certified wood insert	Gas Insert
C-3780-A	Certified wood insert	Freestanding gas stove
C-3781-A	Freestanding certified wood stove	Freestanding gas stove
C-3810-A	Certified wood insert	Gas Insert
C-3815-A	Freestanding certified wood stove	Gas Insert
C-3822-A	Certified wood insert	Gas Insert
C-3823-A	Certified wood insert	Gas Insert
C-3844-A	Certified wood insert	Gas Insert
C-3856-A	Certified wood insert	Gas Insert
C-3929-A	Freestanding certified wood stove	Freestanding gas stove
C-3945-A	Certified wood insert	Gas Insert
C-4048-A	Certified wood insert	Gas Insert
C-4185-A	Certified wood insert	Gas Insert

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Project Number	Old Device	New Device
C-4198-A	Certified wood insert	Gas Insert
C-4289-A	Freestanding certified wood stove	Freestanding gas stove
C-4290-A	Certified wood insert	Gas Insert
C-4406-A	Certified wood insert	Gas Insert
C-4465-A	Certified wood insert	Gas Insert
C-4507-A	Certified wood insert	Gas Insert
C-4520-A	Freestanding certified wood stove	Freestanding gas stove
C-4529-A	Certified wood insert	Gas Insert
C-4549-A	Certified wood insert	Gas Insert
C-5368-A	Certified wood insert	Gas Insert
C-6902-A	Certified wood insert	Gas Insert
C-7021-A	Certified wood insert	Gas Insert
C-7084-A	Certified wood insert	Gas Insert
C-7133-A	Certified wood insert	Gas Insert
C-7366-A	Freestanding certified wood stove	Gas Insert
C-7415-A	Certified wood insert	Gas Insert
C-7702-A	Certified wood insert	Gas Insert
C-8402-A	Certified wood insert	Gas Insert
C-9609-A	Freestanding certified wood stove	Freestanding gas stove
C-9617-A	Certified wood insert	Gas Insert
C-9772-A	Certified wood insert	Gas Insert
C-9866-A	Freestanding certified wood stove	Freestanding gas stove
C-9919-A	Certified wood insert	Gas Insert
F-0118	Certified wood insert	Gas insert
F-0119	Certified wood insert	Gas insert
F-0209	Freestanding certified wood stove	Gas insert
F-0259	Certified wood insert	Gas insert
Certified pellet device to Gas device		
C-15321-A	Certified pellet insert	Freestanding gas stove
C-18132-A	Certified pellet insert	Gas Insert
C-18241-A	Certified pellet insert	Gas Insert
C-18341-A	Certified pellet insert	Gas Insert
C-18833-A	Certified pellet insert	Gas Insert
C-18866-A	Certified pellet insert	Gas Insert
C-18886-A	Certified pellet insert	Gas Insert
C-20626-A	Certified pellet insert	Gas Fireplace (pre-authorization required)
C-20710-A	Certified pellet insert	Gas Insert
C-20944-A	Certified pellet insert	Gas Insert
C-20977-A	Certified pellet insert	Gas Insert
C-21615-A	Certified pellet insert	Gas Insert
C-24105-A	Certified pellet insert	Gas Insert
C-26419-A	Certified pellet insert	Gas Insert
C-26714-A	Certified pellet insert	Gas Insert
C-27215-A	Certified pellet insert	Gas Insert
C-27872-A	Freestanding certified pellet stove	Gas Insert
C-3526-A	Certified pellet insert	Freestanding gas stove
C-3669-A	Certified pellet insert	Freestanding gas stove
C-3782-A	Certified pellet insert	Gas Insert

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Project Number	Old Device	New Device
C-4203-A	Certified pellet insert	Gas Insert
C-4317-A	Freestanding certified pellet stove	Gas Insert
C-9065-A	Certified pellet insert	Gas Insert
F-0030	Certified pellet insert	Freestanding gas stove
F-0037	Certified pellet insert	Gas insert
F-0044	Certified pellet insert	Gas insert
F-0191	Certified pellet insert	Gas insert
F-0212	Certified pellet insert	Gas insert

Appendix B-2

Emission Reductions for Approved ISR Projects (Construction Start Date Before 12/31/2013) (2014 Reductions)					
Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2006	20060005	RESIDENTIAL	0.96	0.32	0.00
2006	20060015	RESIDENTIAL	0.62	0.34	0.00
2006	20060016	RESIDENTIAL	1.28	0.85	0.00
2006	20060017	RESIDENTIAL	0.45	0.20	0.00
2006	20060022	RESIDENTIAL	1.92	0.72	0.00
2006	20060023	RESIDENTIAL	0.80	0.40	0.00
2006	20060026	RESIDENTIAL	0.63	0.21	0.00
2006	20060029	RESIDENTIAL	5.28	2.08	0.00
2006	20060030	NONRESIDENTIAL	0.09	0.09	0.00
2006	20060034	RESIDENTIAL	2.33	3.15	0.24
2006	20060035	RESIDENTIAL	1.61	2.14	0.17
2006	20060036	RESIDENTIAL	1.51	0.80	0.00
2006	20060047	NONRESIDENTIAL	11.12	4.32	0.00
2006	20060048	NONRESIDENTIAL	0.32	0.16	0.00
2006	20060051	NONRESIDENTIAL	0.99	0.36	0.00
2006	20060084	NONRESIDENTIAL	0.56	0.21	0.00
2006	20060097	RESIDENTIAL	2.56	0.85	0.03
2006	20060098	NONRESIDENTIAL	0.42	0.07	0.00
2006	20060099	RESIDENTIAL	0.00	0.00	0.00
2006	20060100	NONRESIDENTIAL	0.27	0.09	0.00
2006	20060101	NONRESIDENTIAL	0.24	0.08	0.00
2006	20060102	NONRESIDENTIAL	405.84	28.96	0.00
2006	20060103	NONRESIDENTIAL	151.28	12.48	0.00
2006	20060113	RESIDENTIAL	1.62	0.78	0.00
2006	20060114	RESIDENTIAL	0.00	0.00	0.00
2006	20060116	RESIDENTIAL	0.93	0.50	0.00
2006	20060117	RESIDENTIAL	0.98	0.50	0.00
2006	20060121	RESIDENTIAL	3.36	1.71	0.00
2006	20060123	RESIDENTIAL	2.00	1.00	0.00
2006	20060124	NONRESIDENTIAL	1.12	0.48	0.00
2006	20060126	RESIDENTIAL	0.88	0.56	0.00
2006	20060127	RESIDENTIAL	0.32	0.23	0.00
2006	20060129	RESIDENTIAL	0.80	0.43	0.00
2006	20060135	NONRESIDENTIAL	1.12	0.49	0.00
2006	20060136	RESIDENTIAL	2.48	1.22	0.00
2006	20060137	RESIDENTIAL	2.68	1.53	0.00
2006	20060144	NONRESIDENTIAL	0.15	0.07	0.00
2006	20060148	NONRESIDENTIAL	0.00	0.00	0.00
2006	20060150	NONRESIDENTIAL	0.16	0.00	0.00
2006	20060151	RESIDENTIAL	1.70	0.83	0.00
2006	20060155	RESIDENTIAL	1.61	1.16	0.00
2006	20060156	RESIDENTIAL	2.05	1.48	0.00
2006	20060157	RESIDENTIAL	1.20	0.56	0.00
2006	20060158	RESIDENTIAL	0.77	0.64	0.00
2006	20060159	RESIDENTIAL	2.80	1.47	0.00
2006	20060161	NONRESIDENTIAL	0.16	0.08	0.00
2006	20060162	RESIDENTIAL	0.35	0.22	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2006	20060168	NONRESIDENTIAL	1.12	0.40	0.00
2006	20060169	RESIDENTIAL	1.20	0.65	0.00
2006	20060170	NONRESIDENTIAL	1.44	0.64	0.00
2006	20060171	NONRESIDENTIAL	0.08	0.00	0.00
2006 Subtotal (tons per year)			624.16	76.51	0.44
2007	20070178	NONRESIDENTIAL	0.64	0.24	0.00
2007	20070179	RESIDENTIAL	1.26	0.66	0.00
2007	20070183	NONRESIDENTIAL	17.76	5.20	0.00
2007	20070184	RESIDENTIAL	0.70	0.40	0.00
2007	20070185	RESIDENTIAL	1.07	0.71	0.00
2007	20070187	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070191	NONRESIDENTIAL	1.12	0.40	0.00
2007	20070193	RESIDENTIAL	3.15	5.32	0.00
2007	20070194	RESIDENTIAL	0.32	0.16	0.00
2007	20070195	NONRESIDENTIAL	35.21	14.70	0.00
2007	20070198	RESIDENTIAL	1.88	0.79	0.00
2007	20070199	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070200	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070202	MIXED USE	5.18	2.03	0.00
2007	20070207	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070211	RESIDENTIAL	2.02	1.17	0.00
2007	20070213	NONRESIDENTIAL	0.24	0.08	0.00
2007	20070214	RESIDENTIAL	3.22	1.76	0.00
2007	20070215	RESIDENTIAL	1.38	0.78	0.00
2007	20070216	RESIDENTIAL	8.36	6.29	0.25
2007	20070218	RESIDENTIAL	0.64	0.34	0.00
2007	20070222	RESIDENTIAL	0.40	0.27	0.00
2007	20070223	RESIDENTIAL	0.96	0.51	0.00
2007	20070224	RESIDENTIAL	2.40	1.13	0.00
2007	20070225	NONRESIDENTIAL	8.00	3.56	0.00
2007	20070230	NONRESIDENTIAL	0.24	0.08	0.00
2007	20070232	NONRESIDENTIAL	4.81	2.43	0.00
2007	20070245	NONRESIDENTIAL	0.08	0.08	0.00
2007	20070248	RESIDENTIAL	0.53	0.29	0.00
2007	20070250	RESIDENTIAL	22.16	10.78	0.00
2007	20070254	TRANSPORT/TRANSIT	0.00	0.00	0.00
2007	20070256	RESIDENTIAL	1.60	0.80	0.00
2007	20070258	MIXED USE	0.00	0.00	0.00
2007	20070259	NONRESIDENTIAL	8.92	2.94	0.00
2007	20070260	NONRESIDENTIAL	14.14	4.98	0.00
2007	20070262	NONRESIDENTIAL	1.26	0.49	0.00
2007	20070263	RESIDENTIAL	1.39	0.75	0.00
2007	20070264	NONRESIDENTIAL	0.70	0.28	0.00
2007	20070266	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070267	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070268	RESIDENTIAL	0.63	0.28	0.00
2007	20070271	RESIDENTIAL	0.25	0.18	0.00
2007	20070272	RESIDENTIAL	0.03	0.03	0.00
2007	20070273	RESIDENTIAL	0.06	0.04	0.00
2007	20070274	RESIDENTIAL	0.78	0.52	0.00
2007	20070277	RESIDENTIAL	0.10	0.10	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2007	20070278	NONRESIDENTIAL	2.31	0.98	0.00
2007	20070281	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070284	NONRESIDENTIAL	1.36	0.56	0.00
2007	20070285	NONRESIDENTIAL	6.02	2.45	0.00
2007	20070286	RESIDENTIAL	0.12	0.11	0.00
2007	20070287	RESIDENTIAL	1.63	4.01	0.04
2007	20070288	NONRESIDENTIAL	9.94	4.13	0.00
2007	20070291	NONRESIDENTIAL	0.14	0.77	0.00
2007	20070294	NONRESIDENTIAL	28.17	9.71	0.33
2007	20070295	NONRESIDENTIAL	0.94	0.50	0.00
2007	20070297	RESIDENTIAL	1.57	0.77	0.00
2007	20070298	MIXED USE	0.00	0.00	0.00
2007	20070301	NONRESIDENTIAL	0.21	0.07	0.00
2007	20070305	NONRESIDENTIAL	0.10	0.05	0.00
2007	20070306	NONRESIDENTIAL	0.08	0.00	0.00
2007	20070307	NONRESIDENTIAL	9.38	3.92	0.00
2007	20070309	NONRESIDENTIAL	0.27	0.07	0.00
2007	20070311	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070312	NONRESIDENTIAL	1.19	0.49	0.00
2007	20070314	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070315	RESIDENTIAL	0.84	0.35	0.00
2007	20070318	RESIDENTIAL	1.77	0.99	0.00
2007	20070323	NONRESIDENTIAL	0.49	0.21	0.00
2007	20070325	NONRESIDENTIAL	0.14	0.07	0.00
2007	20070335	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070338	NONRESIDENTIAL	0.54	0.24	0.00
2007	20070345	NONRESIDENTIAL	0.21	0.07	0.00
2007	20070346	NONRESIDENTIAL	0.84	0.35	0.00
2007	20070353	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070355	RESIDENTIAL	2.43	1.17	0.07
2007	20070359	NONRESIDENTIAL	98.68	19.96	1.41
2007	20070360	NONRESIDENTIAL	0.56	0.21	0.00
2007	20070361	NONRESIDENTIAL	1.12	0.49	0.00
2007	20070362	NONRESIDENTIAL	1.05	0.42	0.00
2007	20070364	NONRESIDENTIAL	15.05	6.09	0.00
2007	20070370	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070372	NONRESIDENTIAL	0.63	0.28	0.00
2007	20070376	NONRESIDENTIAL	1.89	0.70	0.00
2007	20070377	NONRESIDENTIAL	1.08	0.38	0.00
2007	20070379	RESIDENTIAL	1.54	0.90	0.00
2007	20070390	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070394	NONRESIDENTIAL	4.90	2.03	0.00
2007	20070398	NONRESIDENTIAL	0.07	0.00	0.00
2007	20070399	NONRESIDENTIAL	1.61	0.70	0.00
2007	20070400	NONRESIDENTIAL	1.33	0.56	0.00
2007	20070401	NONRESIDENTIAL	2.00	0.80	0.00
2007	20070403	NONRESIDENTIAL	0.60	0.30	0.00
2007	20070406	NONRESIDENTIAL	0.14	0.07	0.00
2007	20070407	NONRESIDENTIAL	0.77	0.35	0.00
2007	20070409	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070413	NONRESIDENTIAL	0.77	0.28	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2007	20070416	RESIDENTIAL	0.54	0.24	0.00
2007	20070417	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070420	NONRESIDENTIAL	0.98	0.42	0.00
2007	20070423	NONRESIDENTIAL	1.54	0.84	0.00
2007	20070424	NONRESIDENTIAL	0.48	0.16	0.00
2007	20070428	NONRESIDENTIAL	0.60	0.24	0.00
2007	20070430	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070431	RESIDENTIAL	1.01	0.14	0.14
2007	20070434	NONRESIDENTIAL	1.53	0.14	0.14
2007	20070435	NONRESIDENTIAL	0.70	0.29	0.00
2007	20070436	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070438	NONRESIDENTIAL	1.75	0.77	0.00
2007	20070439	NONRESIDENTIAL	1.19	0.49	0.00
2007	20070440	NONRESIDENTIAL	1.54	0.63	0.00
2007	20070441	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070443	RESIDENTIAL	0.00	0.00	0.00
2007	20070446	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070447	NONRESIDENTIAL	1.26	0.54	0.00
2007	20070448	NONRESIDENTIAL	0.98	0.42	0.00
2007	20070454	MIXED USE	0.00	0.00	0.00
2007	20070455	RESIDENTIAL	0.00	0.00	0.00
2007	20070457	NONRESIDENTIAL	7.12	3.02	0.08
2007	20070459	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070460	NONRESIDENTIAL	0.63	0.21	0.00
2007	20070461	NONRESIDENTIAL	63.84	5.34	0.02
2007	20070462	NONRESIDENTIAL	2.59	0.84	0.00
2007	20070463	NONRESIDENTIAL	1.10	0.38	0.00
2007	20070464	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070465	NONRESIDENTIAL	2.03	0.77	0.00
2007	20070468	RESIDENTIAL	0.63	0.28	0.00
2007	20070470	NONRESIDENTIAL	0.12	0.06	0.00
2007	20070471	NONRESIDENTIAL	0.00	0.00	0.00
2007	20070472	RESIDENTIAL	0.30	0.14	0.00
2007	20070473	RESIDENTIAL	2.00	6.21	0.00
2007	20070474	RESIDENTIAL	1.80	0.97	0.00
2007	20070475	NONRESIDENTIAL	1.80	0.90	0.00
2007	20070476	NONRESIDENTIAL	0.07	0.00	0.00
2007	20070477	NONRESIDENTIAL	7.42	2.94	0.00
2007	20070478	TRANSPORT/TRANSIT	0.00	0.00	0.00
2007	20070479	RESIDENTIAL	1.15	0.60	0.00
2007	20070480	NONRESIDENTIAL	1.05	0.49	0.00
2007	20070481	NONRESIDENTIAL	1.80	0.78	0.00
2007	20070482	NONRESIDENTIAL	1.93	0.45	0.09
2007	20070487	MIXED USE	0.14	0.07	0.00
2007	20070490	NONRESIDENTIAL	3.85	1.61	0.00
2007 Subtotal (tons per year)			473.54	169.49	2.57
2008	20080001	RESIDENTIAL	1.62	0.84	0.00
2008	20080002	RESIDENTIAL	1.20	0.60	0.00
2008	20080003	RESIDENTIAL	0.00	0.00	0.00
2008	20080004	NONRESIDENTIAL	0.42	0.42	0.00
2008	20080006	NONRESIDENTIAL	0.00	0.00	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2008	20080007	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080010	NONRESIDENTIAL	0.90	0.36	0.00
2008	20080011	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080016	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080021	NONRESIDENTIAL	0.84	0.28	0.00
2008	20080024	NONRESIDENTIAL	2.46	0.66	0.00
2008	20080026	NONRESIDENTIAL	0.21	0.12	0.00
2008	20080027	MIXED USE	6.11	3.82	0.16
2008	20080028	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080029	RESIDENTIAL	0.44	0.06	0.01
2008	20080031	TRANSPORT/TRANSIT	11.00	0.67	0.67
2008	20080033	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080034	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080038	NONRESIDENTIAL	0.36	0.00	0.00
2008	20080039	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080041	NONRESIDENTIAL	2.28	0.60	0.00
2008	20080043	RESIDENTIAL	2.46	3.81	0.12
2008	20080045	RESIDENTIAL	0.93	1.61	0.07
2008	20080046	RESIDENTIAL	9.41	3.54	0.24
2008	20080053	NONRESIDENTIAL	0.63	0.21	0.00
2008	20080055	RESIDENTIAL	0.28	1.63	0.00
2008	20080057	RESIDENTIAL	1.10	4.33	0.00
2008	20080059	NONRESIDENTIAL	10.02	4.62	0.00
2008	20080063	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080065	NONRESIDENTIAL	0.06	0.00	0.00
2008	20080067	NONRESIDENTIAL	0.78	0.24	0.00
2008	20080068	NONRESIDENTIAL	0.24	0.06	0.00
2008	20080070	NONRESIDENTIAL	7.84	3.08	0.00
2008	20080074	NONRESIDENTIAL	396.30	38.21	0.29
2008	20080078	RESIDENTIAL	0.72	0.96	0.00
2008	20080080	NONRESIDENTIAL	0.20	0.00	0.00
2008	20080082	NONRESIDENTIAL	0.90	0.60	0.00
2008	20080084	RESIDENTIAL	0.64	0.70	0.02
2008	20080087	NONRESIDENTIAL	0.12	0.11	0.00
2008	20080088	RESIDENTIAL	0.12	0.60	0.00
2008	20080091	NONRESIDENTIAL	0.07	0.00	0.00
2008	20080092	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080093	NONRESIDENTIAL	0.60	0.12	0.00
2008	20080095	NONRESIDENTIAL	0.54	0.18	0.00
2008	20080097	NONRESIDENTIAL	1.50	0.66	0.00
2008	20080098	NONRESIDENTIAL	2.18	0.60	0.00
2008	20080099	NONRESIDENTIAL	0.06	0.00	0.00
2008	20080100	NONRESIDENTIAL	0.21	0.07	0.00
2008	20080101	RESIDENTIAL	1.08	1.38	0.00
2008	20080102	NONRESIDENTIAL	0.70	0.21	0.00
2008	20080109	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080110	RESIDENTIAL	0.00	0.00	0.00
2008	20080113	NONRESIDENTIAL	0.62	0.06	0.00
2008	20080114	RESIDENTIAL	3.30	2.34	0.00
2008	20080118	NONRESIDENTIAL	1.69	0.67	0.01
2008	20080119	NONRESIDENTIAL	3.40	1.35	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2008	20080120	NONRESIDENTIAL	3.85	1.95	0.00
2008	20080121	NONRESIDENTIAL	1.05	0.38	0.00
2008	20080124	NONRESIDENTIAL	0.78	0.48	0.00
2008	20080126	NONRESIDENTIAL	2.22	0.84	0.00
2008	20080127	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080128	NONRESIDENTIAL	2.22	0.78	0.00
2008	20080129	NONRESIDENTIAL	0.56	0.35	0.00
2008	20080136	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080137	NONRESIDENTIAL	0.83	0.23	0.00
2008	20080141	NONRESIDENTIAL	1.15	0.35	0.00
2008	20080142	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080144	RESIDENTIAL	0.00	0.00	0.00
2008	20080145	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080146	TRANSPORT/TRANSIT	0.00	0.00	0.00
2008	20080147	NONRESIDENTIAL	1.50	0.48	0.00
2008	20080148	RESIDENTIAL	1.20	0.48	0.00
2008	20080149	NONRESIDENTIAL	0.54	0.18	0.00
2008	20080150	NONRESIDENTIAL	0.56	0.21	0.00
2008	20080153	NONRESIDENTIAL	1.02	0.13	0.06
2008	20080154	NONRESIDENTIAL	1.62	0.42	0.00
2008	20080156	NONRESIDENTIAL	1.26	0.42	0.00
2008	20080157	RESIDENTIAL	1.35	2.35	0.00
2008	20080158	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080166	RESIDENTIAL	2.06	1.43	0.03
2008	20080167	RESIDENTIAL	0.66	2.36	0.00
2008	20080168	NONRESIDENTIAL	0.15	0.05	0.00
2008	20080170	NONRESIDENTIAL	0.12	0.06	0.00
2008	20080172	NONRESIDENTIAL	0.66	0.12	0.00
2008	20080174	NONRESIDENTIAL	0.60	0.24	0.00
2008	20080178	NONRESIDENTIAL	0.19	0.07	0.00
2008	20080184	RESIDENTIAL	1.40	2.03	0.00
2008	20080185	NONRESIDENTIAL	0.42	0.18	0.00
2008	20080187	NONRESIDENTIAL	1.01	0.28	0.02
2008	20080188	NONRESIDENTIAL	0.84	0.48	0.00
2008	20080189	NONRESIDENTIAL	0.93	0.24	0.04
2008	20080190	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080192	NONRESIDENTIAL	0.60	0.21	0.00
2008	20080193	RESIDENTIAL	0.00	0.00	0.00
2008	20080194	NONRESIDENTIAL	0.48	0.24	0.00
2008	20080195	NONRESIDENTIAL	0.21	0.07	0.00
2008	20080197	NONRESIDENTIAL	1.35	0.24	0.06
2008	20080199	NONRESIDENTIAL	0.06	0.00	0.00
2008	20080201	MIXED USE	3.33	4.98	0.62
2008	20080202	NONRESIDENTIAL	0.45	0.15	0.00
2008	20080205	NONRESIDENTIAL	0.42	0.00	0.00
2008	20080207	NONRESIDENTIAL	1.40	0.49	0.00
2008	20080210	NONRESIDENTIAL	0.69	0.42	0.00
2008	20080211	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080212	NONRESIDENTIAL	0.56	0.35	0.00
2008	20080215	NONRESIDENTIAL	7.07	3.29	0.10
2008	20080216	NONRESIDENTIAL	0.94	0.32	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2008	20080218	NONRESIDENTIAL	0.65	0.20	0.00
2008	20080221	NONRESIDENTIAL	1.50	0.48	0.00
2008	20080224	RESIDENTIAL	0.70	1.15	0.00
2008	20080225	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080226	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080227	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080229	RESIDENTIAL	1.74	1.62	0.00
2008	20080230	NONRESIDENTIAL	0.12	0.00	0.00
2008	20080231	NONRESIDENTIAL	1.69	0.09	0.09
2008	20080232	NONRESIDENTIAL	1.50	0.48	0.00
2008	20080233	NONRESIDENTIAL	0.42	0.12	0.00
2008	20080235	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080236	MIXED USE	11.48	4.05	0.00
2008	20080237	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080238	NONRESIDENTIAL	2.15	0.85	0.00
2008	20080241	NONRESIDENTIAL	0.00	0.00	0.00
2008	20080242	NONRESIDENTIAL	0.00	0.00	0.00
2008 Subtotal (tons per year)			546.80	117.75	2.61
2009	20090001	NONRESIDENTIAL	0.60	0.30	0.00
2009	20090002	NONRESIDENTIAL	0.80	0.35	0.00
2009	20090011	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090012	NONRESIDENTIAL	1.38	0.48	0.00
2009	20090014	NONRESIDENTIAL	0.36	0.16	0.00
2009	20090015	NONRESIDENTIAL	0.05	0.02	0.00
2009	20090017	NONRESIDENTIAL	0.72	0.24	0.00
2009	20090018	NONRESIDENTIAL	0.42	0.05	0.05
2009	20090019	NONRESIDENTIAL	6.53	0.69	0.28
2009	20090021	NONRESIDENTIAL	0.24	0.12	0.00
2009	20090025	NONRESIDENTIAL	0.50	0.35	0.00
2009	20090026	NONRESIDENTIAL	1.16	0.48	0.00
2009	20090029	NONRESIDENTIAL	1.94	0.24	0.24
2009	20090030	NONRESIDENTIAL	0.90	0.24	0.00
2009	20090034	NONRESIDENTIAL	6.74	0.41	0.41
2009	20090035	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090036	NONRESIDENTIAL	0.11	0.06	0.00
2009	20090046	NONRESIDENTIAL	0.28	0.20	0.00
2009	20090048	RESIDENTIAL	0.59	0.09	0.09
2009	20090049	NONRESIDENTIAL	0.04	0.00	0.00
2009	20090050	NONRESIDENTIAL	0.35	0.15	0.00
2009	20090052	NONRESIDENTIAL	0.30	0.05	0.00
2009	20090053	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090054	NONRESIDENTIAL	0.33	0.14	0.00
2009	20090056	NONRESIDENTIAL	0.12	0.06	0.00
2009	20090057	NONRESIDENTIAL	0.36	0.12	0.00
2009	20090058	NONRESIDENTIAL	1.23	0.66	0.00
2009	20090062	NONRESIDENTIAL	0.18	0.06	0.00
2009	20090064	NONRESIDENTIAL	0.30	0.12	0.00
2009	20090065	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090066	NONRESIDENTIAL	0.48	0.18	0.00
2009	20090067	RESIDENTIAL	0.60	0.80	0.00
2009	20090071	RESIDENTIAL	0.16	1.16	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2009	20090076	TRANSPORT/TRANSIT	0.00	0.00	0.00
2009	20090079	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090080	TRANSPORT/TRANSIT	1.32	0.14	0.14
2009	20090082	NONRESIDENTIAL	0.12	0.06	0.00
2009	20090085	NONRESIDENTIAL	0.42	0.18	0.00
2009	20090086	NONRESIDENTIAL	0.18	0.06	0.00
2009	20090088	TRANSPORT/TRANSIT	1.00	0.14	0.14
2009	20090089	NONRESIDENTIAL	14.22	2.04	0.00
2009	20090091	RESIDENTIAL	0.32	0.60	0.00
2009	20090092	NONRESIDENTIAL	2.96	1.36	0.00
2009	20090093	NONRESIDENTIAL	4.28	0.32	0.32
2009	20090094	NONRESIDENTIAL	0.24	0.06	0.00
2009	20090095	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090097	NONRESIDENTIAL	0.28	0.03	0.03
2009	20090099	NONRESIDENTIAL	0.37	0.15	0.00
2009	20090101	TRANSPORT/TRANSIT	0.00	0.00	0.00
2009	20090102	NONRESIDENTIAL	0.06	0.00	0.00
2009	20090104	NONRESIDENTIAL	0.28	0.09	0.00
2009	20090105	NONRESIDENTIAL	0.25	0.05	0.00
2009	20090106	NONRESIDENTIAL	0.35	0.15	0.00
2009	20090107	RESIDENTIAL	3.36	2.38	0.00
2009	20090108	NONRESIDENTIAL	0.60	0.20	0.00
2009	20090109	NONRESIDENTIAL	0.15	0.05	0.00
2009	20090110	NONRESIDENTIAL	0.15	0.05	0.00
2009	20090114	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090115	NONRESIDENTIAL	0.36	0.06	0.00
2009	20090116	RESIDENTIAL	0.45	0.27	0.00
2009	20090117	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090119	RESIDENTIAL	0.04	0.12	0.00
2009	20090123	RESIDENTIAL	0.91	0.79	0.07
2009	20090127	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090129	NONRESIDENTIAL	0.15	0.05	0.00
2009	20090130	NONRESIDENTIAL	0.43	0.17	0.02
2009	20090132	NONRESIDENTIAL	0.10	0.05	0.00
2009	20090133	RESIDENTIAL	0.85	0.60	0.00
2009	20090134	NONRESIDENTIAL	0.20	0.10	0.00
2009	20090137	TRANSPORT/TRANSIT	0.75	0.06	0.06
2009	20090140	NONRESIDENTIAL	0.15	0.10	0.00
2009	20090141	NONRESIDENTIAL	0.25	0.05	0.00
2009	20090142	NONRESIDENTIAL	0.40	0.12	0.00
2009	20090148	NONRESIDENTIAL	0.12	0.04	0.00
2009	20090149	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090150	NONRESIDENTIAL	1.04	0.55	0.00
2009	20090151	NONRESIDENTIAL	0.25	0.05	0.00
2009	20090154	NONRESIDENTIAL	0.05	0.05	0.00
2009	20090160	NONRESIDENTIAL	0.77	0.23	0.03
2009	20090161	NONRESIDENTIAL	20.52	1.93	1.93
2009	20090162	NONRESIDENTIAL	0.35	0.15	0.00
2009	20090163	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090164	NONRESIDENTIAL	0.84	0.30	0.05
2009	20090166	RESIDENTIAL	0.86	0.81	0.05

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2009	20090167	RESIDENTIAL	1.09	1.33	0.08
2009	20090168	RESIDENTIAL	1.65	1.73	0.09
2009	20090169	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090171	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090173	TRANSPORT/TRANSIT	6.74	0.72	0.72
2009	20090174	TRANSPORT/TRANSIT	7.04	0.77	0.77
2009	20090179	RESIDENTIAL	0.52	0.64	0.00
2009	20090180	NONRESIDENTIAL	0.14	0.05	0.00
2009	20090181	TRANSPORT/TRANSIT	2.72	0.41	0.41
2009	20090182	MIXED USE	0.00	0.00	0.00
2009	20090184	NONRESIDENTIAL	0.50	0.15	0.00
2009	20090187	NONRESIDENTIAL	0.00	0.00	0.00
2009	20090191	NONRESIDENTIAL	0.05	0.05	0.00
2009	20090193	NONRESIDENTIAL	0.55	0.15	0.00
2009	20090194	MIXED USE	0.44	0.28	0.00
2009	20090199	NONRESIDENTIAL	0.92	0.14	0.14
2009 Subtotal (tons per year)			110.88	29.16	6.12
2010	20100005	NONRESIDENTIAL	0.32	0.20	0.00
2010	20100006	NONRESIDENTIAL	0.10	0.00	0.00
2010	20100007	NONRESIDENTIAL	0.50	0.05	0.05
2010	20100009	NONRESIDENTIAL	26.45	2.40	0.00
2010	20100021	NONRESIDENTIAL	0.39	0.11	0.04
2010	20100022	NONRESIDENTIAL	1.25	0.50	0.00
2010	20100026	NONRESIDENTIAL	0.36	0.12	0.00
2010	20100027	NONRESIDENTIAL	0.42	0.05	0.05
2010	20100028	NONRESIDENTIAL	0.17	0.02	0.02
2010	20100031	NONRESIDENTIAL	0.16	0.08	0.02
2010	20100032	RESIDENTIAL	0.72	1.44	0.00
2010	20100035	NONRESIDENTIAL	0.00	0.00	0.00
2010	20100039	NONRESIDENTIAL	1.98	0.20	0.20
2010	20100040	TRANSPORT/TRANSIT	2.20	0.27	0.27
2010	20100045	NONRESIDENTIAL	1.42	0.21	0.09
2010	20100046	RESIDENTIAL	2.88	6.18	0.15
2010	20100047	NONRESIDENTIAL	2.67	3.40	0.19
2010	20100050	NONRESIDENTIAL	0.00	0.00	0.00
2010	20100053	NONRESIDENTIAL	0.70	0.15	0.00
2010	20100054	NONRESIDENTIAL	0.00	0.00	0.00
2010	20100055	NONRESIDENTIAL	0.00	0.00	0.00
2010	20100058	NONRESIDENTIAL	1.28	0.16	0.16
2010	20100062	RESIDENTIAL	1.77	2.78	0.00
2010	20100065	NONRESIDENTIAL	0.88	0.64	0.00
2010	20100066	NONRESIDENTIAL	0.12	0.04	0.00
2010	20100068	NONRESIDENTIAL	3.14	1.91	0.31
2010	20100069	NONRESIDENTIAL	1.97	1.75	0.21
2010	20100071	RESIDENTIAL	1.46	5.00	0.00
2010	20100073	RESIDENTIAL	0.25	0.67	0.00
2010	20100074	NONRESIDENTIAL	0.35	0.15	0.00
2010	20100076	RESIDENTIAL	0.00	0.00	0.00
2010	20100081	RESIDENTIAL	4.24	6.42	0.00
2010	20100085	RESIDENTIAL	0.45	0.81	0.00
2010	20100086	NONRESIDENTIAL	0.10	0.05	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2010	20100088	NONRESIDENTIAL	1.77	0.24	0.24
2010	20100089	NONRESIDENTIAL	0.16	0.04	0.00
2010	20100099	TRANSPORT/TRANSIT	1.79	0.68	0.68
2010	20100101	NONRESIDENTIAL	0.80	0.30	0.00
2010	20100104	RESIDENTIAL	0.72	0.84	0.00
2010	20100107	RESIDENTIAL	0.28	0.20	0.00
2010	20100108	RESIDENTIAL	0.76	0.72	0.00
2010	20100110	NONRESIDENTIAL	0.04	0.00	0.00
2010	20100111	RESIDENTIAL	0.99	1.14	0.00
2010	20100113	RESIDENTIAL	1.54	1.26	0.14
2010	20100116	NONRESIDENTIAL	0.22	0.03	0.03
2010	20100117	RESIDENTIAL	1.27	2.15	0.08
2010	20100118	NONRESIDENTIAL	0.83	0.14	0.11
2010	20100119	NONRESIDENTIAL	0.00	0.00	0.00
2010	20100120	NONRESIDENTIAL	0.00	0.00	0.00
2010	20100121	RESIDENTIAL	0.34	0.32	0.04
2010	20100122	NONRESIDENTIAL	0.40	0.20	0.00
2010	20100126	NONRESIDENTIAL	0.41	0.08	0.04
2010	20100127	NONRESIDENTIAL	0.29	0.04	0.04
2010	20100131	NONRESIDENTIAL	0.00	0.00	0.00
2010	20100133	NONRESIDENTIAL	0.25	0.05	0.05
2010	20100134	NONRESIDENTIAL	2.78	0.47	0.47
2010	20100136	NONRESIDENTIAL	0.20	0.08	0.00
2010	20100137	RESIDENTIAL	0.57	1.71	0.00
2010	20100138	NONRESIDENTIAL	0.90	0.10	0.10
2010	20100139	NONRESIDENTIAL	0.08	0.00	0.00
2010	20100140	TRANSPORT/TRANSIT	4.63	0.46	0.46
2010	20100142	NONRESIDENTIAL	0.25	0.35	0.00
2010	20100143	NONRESIDENTIAL	2.69	0.90	0.02
2010	20100144	NONRESIDENTIAL	14.41	5.27	0.00
2010	20100145	NONRESIDENTIAL	8.78	1.70	0.00
2010	20100146	NONRESIDENTIAL	0.05	0.00	0.00
2010	20100147	NONRESIDENTIAL	2.40	0.84	0.00
2010	20100149	NONRESIDENTIAL	0.70	0.25	0.05
2010	20100150	NONRESIDENTIAL	0.37	0.19	0.00
2010	20100151	TRANSPORT/TRANSIT	2.48	0.27	0.27
2010	20100152	NONRESIDENTIAL	0.43	0.03	0.03
2010	20100156	NONRESIDENTIAL	0.70	0.15	0.07
2010	20100158	NONRESIDENTIAL	0.20	0.08	0.00
2010	20100159	RESIDENTIAL	0.35	0.15	0.00
2010	20100160	NONRESIDENTIAL	0.12	0.06	0.00
2010	20100161	NONRESIDENTIAL	3.27	1.30	0.00
2010	20100162	NONRESIDENTIAL	8.11	3.06	0.00
2010	20100163	NONRESIDENTIAL	3.47	0.32	0.32
2010	20100166	NONRESIDENTIAL	0.73	5.55	0.07
2010	20100167	NONRESIDENTIAL	1.12	0.14	0.14
2010	20100168	RESIDENTIAL	0.87	0.34	0.13
2010	20100170	NONRESIDENTIAL	0.16	0.04	0.00
2010	20100172	NONRESIDENTIAL	0.22	0.12	0.00
2010	20100174	NONRESIDENTIAL	0.12	0.00	0.00
2010	20100176	NONRESIDENTIAL	6.98	0.85	0.70

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2010	20100177	NONRESIDENTIAL	2.79	0.34	0.28
2010	20100178	NONRESIDENTIAL	2.81	0.37	0.28
2010	20100179	NONRESIDENTIAL	2.81	0.37	0.28
2010	20100181	NONRESIDENTIAL	2.82	0.34	0.28
2010	20100182	NONRESIDENTIAL	2.78	0.28	0.28
2010	20100183	NONRESIDENTIAL	2.79	0.34	0.28
2010	20100184	NONRESIDENTIAL	2.79	0.34	0.28
2010	20100185	NONRESIDENTIAL	0.02	0.04	0.00
2010	20100186	RESIDENTIAL	0.58	0.28	0.05
2010	20100189	NONRESIDENTIAL	0.49	0.07	0.07
2010	20100191	MIXED USE	0.29	0.49	0.00
2010	20100192	NONRESIDENTIAL	0.28	0.05	0.01
2010	20100202	NONRESIDENTIAL	3.35	0.45	0.07
2010	20100204	NONRESIDENTIAL	0.00	0.00	0.00
2010	20100205	NONRESIDENTIAL	0.38	0.04	0.04
2010	20100206	TRANSPORT/TRANSIT	1.06	0.23	0.23
2010	20100208	RESIDENTIAL	1.71	2.62	0.14
2010	20100209	NONRESIDENTIAL	0.15	0.06	0.00
2010 Subtotal (tons per year)			167.60	75.68	8.61
2011	20110001	TRANSPORT/TRANSIT	4.44	0.41	0.41
2011	20110003	TRANSPORT/TRANSIT	2.20	0.32	0.32
2011	20110004	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110008	MIXED USE	1.76	4.80	0.00
2011	20110009	NONRESIDENTIAL	1.89	0.54	0.00
2011	20110010	TRANSPORT/TRANSIT	8.56	1.26	1.26
2011	20110011	NONRESIDENTIAL	0.17	0.07	0.00
2011	20110015	NONRESIDENTIAL	0.41	0.13	0.01
2011	20110016	TRANSPORT/TRANSIT	1.60	0.18	0.18
2011	20110017	NONRESIDENTIAL	11.23	1.38	1.01
2011	20110021	NONRESIDENTIAL	0.06	0.03	0.00
2011	20110022	NONRESIDENTIAL	0.57	0.24	0.00
2011	20110023	NONRESIDENTIAL	1.35	0.36	0.08
2011	20110029	MIXED USE	0.92	0.36	0.00
2011	20110030	NONRESIDENTIAL	553.54	29.25	0.05
2011	20110036	TRANSPORT/TRANSIT	3.46	0.45	0.45
2011	20110037	NONRESIDENTIAL	0.18	0.09	0.00
2011	20110038	TRANSPORT/TRANSIT	7.60	0.81	0.81
2011	20110040	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110041	NONRESIDENTIAL	0.13	0.02	0.02
2011	20110043	NONRESIDENTIAL	0.29	0.17	0.00
2011	20110044	NONRESIDENTIAL	0.06	0.04	0.00
2011	20110045	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110046	NONRESIDENTIAL	0.08	0.00	0.00
2011	20110047	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110050	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110051	NONRESIDENTIAL	0.19	0.03	0.03
2011	20110053	NONRESIDENTIAL	6.90	0.99	0.73
2011	20110054	RESIDENTIAL	2.28	1.97	0.11
2011	20110056	TRANSPORT/TRANSIT	2.73	0.66	0.27
2011	20110058	NONRESIDENTIAL	0.04	0.00	0.00
2011	20110059	TRANSPORT/TRANSIT	3.02	0.32	0.32

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2011	20110061	RESIDENTIAL	1.42	1.90	0.16
2011	20110062	NONRESIDENTIAL	2.85	1.69	0.32
2011	20110064	NONRESIDENTIAL	0.15	0.09	0.00
2011	20110067	RESIDENTIAL	0.60	1.35	0.00
2011	20110075	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110077	NONRESIDENTIAL	0.00	5.45	0.00
2011	20110080	NONRESIDENTIAL	2.85	1.69	0.32
2011	20110082	TRANSPORT/TRANSIT	0.00	0.00	0.00
2011	20110083	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110084	TRANSPORT/TRANSIT	0.84	0.11	0.11
2011	20110085	NONRESIDENTIAL	1.04	0.40	0.00
2011	20110086	TRANSPORT/TRANSIT	0.54	0.05	0.05
2011	20110089	TRANSPORT/TRANSIT	0.50	0.05	0.05
2011	20110090	NONRESIDENTIAL	0.44	0.08	0.00
2011	20110091	NONRESIDENTIAL	0.48	0.18	0.00
2011	20110093	NONRESIDENTIAL	2.08	0.86	0.20
2011	20110094	NONRESIDENTIAL	2.27	1.66	0.99
2011	20110096	NONRESIDENTIAL	1.20	0.33	0.03
2011	20110099	NONRESIDENTIAL	0.02	0.06	0.00
2011	20110103	MIXED USE	0.15	0.21	0.00
2011	20110105	NONRESIDENTIAL	0.48	0.21	0.00
2011	20110106	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110107	NONRESIDENTIAL	0.36	0.20	0.00
2011	20110109	TRANSPORT/TRANSIT	3.88	0.40	0.40
2011	20110110	NONRESIDENTIAL	0.20	0.03	0.03
2011	20110111	NONRESIDENTIAL	0.06	0.03	0.00
2011	20110113	RESIDENTIAL	0.21	0.66	0.00
2011	20110114	TRANSPORT/TRANSIT	2.30	0.23	0.23
2011	20110115	NONRESIDENTIAL	0.09	0.06	0.00
2011	20110116	NONRESIDENTIAL	0.09	0.06	0.00
2011	20110117	NONRESIDENTIAL	0.18	0.09	0.00
2011	20110118	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110119	NONRESIDENTIAL	0.45	0.24	0.00
2011	20110121	NONRESIDENTIAL	1.57	4.35	0.17
2011	20110122	NONRESIDENTIAL	1.81	0.57	0.20
2011	20110123	NONRESIDENTIAL	1.68	0.79	0.26
2011	20110124	NONRESIDENTIAL	1.80	0.56	0.20
2011	20110125	NONRESIDENTIAL	0.09	0.03	0.00
2011	20110126	TRANSPORT/TRANSIT	0.00	0.00	0.00
2011	20110129	NONRESIDENTIAL	0.30	0.15	0.00
2011	20110130	NONRESIDENTIAL	0.12	0.06	0.00
2011	20110135	NONRESIDENTIAL	0.24	0.12	0.00
2011	20110136	NONRESIDENTIAL	0.24	0.09	0.00
2011	20110137	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110138	RESIDENTIAL	0.77	0.51	0.09
2011	20110139	TRANSPORT/TRANSIT	9.88	1.08	1.08
2011	20110146	NONRESIDENTIAL	7.73	4.17	0.03
2011	20110147	TRANSPORT/TRANSIT	6.52	0.95	0.95
2011	20110148	NONRESIDENTIAL	0.03	0.00	0.00
2011	20110149	NONRESIDENTIAL	0.18	0.06	0.00
2011	20110150	MIXED USE	0.32	0.50	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2011	20110151	NONRESIDENTIAL	0.06	0.03	0.00
2011	20110152	RESIDENTIAL	0.56	2.57	0.00
2011	20110157	NONRESIDENTIAL	0.41	0.14	0.03
2011	20110158	NONRESIDENTIAL	0.18	0.06	0.00
2011	20110159	NONRESIDENTIAL	0.06	0.06	0.00
2011	20110162	NONRESIDENTIAL	0.10	0.04	0.00
2011	20110163	NONRESIDENTIAL	9.70	1.03	1.03
2011	20110164	NONRESIDENTIAL	2.99	0.91	0.28
2011	20110165	NONRESIDENTIAL	0.73	0.74	0.07
2011	20110166	NONRESIDENTIAL	0.00	0.06	0.00
2011	20110167	NONRESIDENTIAL	0.45	0.12	0.05
2011	20110178	NONRESIDENTIAL	0.75	0.15	0.07
2011	20110179	NONRESIDENTIAL	0.65	0.44	0.09
2011	20110181	MIXED USE	0.42	0.42	0.00
2011	20110182	NONRESIDENTIAL	2.33	2.14	0.25
2011	20110183	NONRESIDENTIAL	2.34	0.34	0.22
2011	20110184	NONRESIDENTIAL	0.40	0.20	0.00
2011	20110185	NONRESIDENTIAL	1.10	0.25	0.12
2011	20110186	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110188	NONRESIDENTIAL	0.20	0.14	0.00
2011	20110189	NONRESIDENTIAL	4.29	1.18	0.41
2011	20110190	NONRESIDENTIAL	14.81	1.00	0.62
2011	20110192	NONRESIDENTIAL	0.20	0.16	0.00
2011	20110193	RESIDENTIAL	0.68	0.84	0.06
2011	20110194	NONRESIDENTIAL	0.95	0.20	0.10
2011	20110195	NONRESIDENTIAL	1.64	0.87	0.15
2011	20110196	NONRESIDENTIAL	2.86	0.78	0.30
2011	20110197	NONRESIDENTIAL	2.70	0.71	0.29
2011	20110198	NONRESIDENTIAL	3.85	1.13	0.41
2011	20110200	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110201	NONRESIDENTIAL	0.00	0.31	0.00
2011	20110208	NONRESIDENTIAL	0.03	0.00	0.00
2011	20110213	NONRESIDENTIAL	2.09	1.32	0.20
2011	20110214	RESIDENTIAL	0.00	0.00	0.00
2011	20110215	NONRESIDENTIAL	1.24	0.33	0.12
2011	20110216	TRANSPORT/TRANSIT	0.58	0.09	0.09
2011	20110217	NONRESIDENTIAL	1.26	0.77	0.07
2011	20110220	NONRESIDENTIAL	0.00	0.00	0.00
2011	20110221	NONRESIDENTIAL	1.92	1.30	0.18
2011	20110222	NONRESIDENTIAL	2.83	1.83	0.27
2011	20110223	NONRESIDENTIAL	2.27	0.30	0.24
2011	20110225	RESIDENTIAL	0.58	0.55	0.07
2011	20110226	NONRESIDENTIAL	0.06	0.02	0.00
2011	20110229	RESIDENTIAL	0.00	0.00	0.00
2011	20110230	RESIDENTIAL	0.00	0.00	0.00
2011	20110231	RESIDENTIAL	0.39	0.57	0.00
2011	20110232	NONRESIDENTIAL	0.03	0.03	0.00
2011	20110233	NONRESIDENTIAL	0.03	0.03	0.00
2011	20110234	RESIDENTIAL	0.16	0.12	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2011	20110235	NONRESIDENTIAL	1.53	1.08	0.05
2011	20110237	NONRESIDENTIAL	2.28	0.31	0.22
2011	20110239	TRANSPORT/TRANSIT	10.46	1.04	1.04
2011 Subtotal (tons per year)			757.82	103.95	19.03
2012	20120001	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120002	NONRESIDENTIAL	0.06	0.03	0.00
2012	20120003	NONRESIDENTIAL	0.24	0.15	0.00
2012	20120004	NONRESIDENTIAL	0.03	0.00	0.00
2012	20120005	NONRESIDENTIAL	0.06	0.03	0.00
2012	20120006	NONRESIDENTIAL	0.03	0.00	0.00
2012	20120007	NONRESIDENTIAL	0.18	0.09	0.00
2012	20120008	NONRESIDENTIAL	1.26	0.13	0.13
2012	20120009	RESIDENTIAL	0.69	0.32	0.07
2012	20120010	TRANSPORT/TRANSIT	1.80	0.18	0.18
2012	20120012	TRANSPORT/TRANSIT	1.34	0.18	0.18
2012	20120014	RESIDENTIAL	0.41	0.24	0.04
2012	20120015	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120016	NONRESIDENTIAL	1.20	0.35	0.11
2012	20120017	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120018	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120022	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120023	NONRESIDENTIAL	0.09	0.03	0.00
2012	20120024	NONRESIDENTIAL	0.81	0.30	0.00
2012	20120025	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120026	NONRESIDENTIAL	0.14	0.91	0.00
2012	20120027	NONRESIDENTIAL	0.03	0.00	0.00
2012	20120028	TRANSPORT/TRANSIT	1.02	0.09	0.09
2012	20120029	NONRESIDENTIAL	2.09	1.24	0.00
2012	20120031	TRANSPORT/TRANSIT	2.36	0.32	0.32
2012	20120034	NONRESIDENTIAL	0.54	0.22	0.00
2012	20120035	RESIDENTIAL	0.58	0.98	0.00
2012	20120036	NONRESIDENTIAL	0.51	0.09	0.03
2012	20120037	NONRESIDENTIAL	0.31	0.08	0.02
2012	20120038	NONRESIDENTIAL	0.00	0.11	0.00
2012	20120039	MIXED USE	0.07	0.09	0.00
2012	20120041	NONRESIDENTIAL	0.31	0.09	0.03
2012	20120042	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120043	NONRESIDENTIAL	0.54	0.23	0.03
2012	20120044	NONRESIDENTIAL	0.21	0.06	0.00
2012	20120046	NONRESIDENTIAL	1.14	0.11	0.10
2012	20120047	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120048	NONRESIDENTIAL	2.39	2.72	0.21
2012	20120050	NONRESIDENTIAL	0.09	0.06	0.00
2012	20120051	NONRESIDENTIAL	0.21	0.12	0.00
2012	20120052	NONRESIDENTIAL	0.15	0.06	0.00
2012	20120053	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120054	NONRESIDENTIAL	0.73	0.21	0.05
2012	20120055	NONRESIDENTIAL	0.48	0.18	0.00
2012	20120056	NONRESIDENTIAL	0.33	0.18	0.00
2012	20120057	RESIDENTIAL	0.13	0.08	0.00
2012	20120060	NONRESIDENTIAL	0.44	0.18	0.02

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2012	20120066	NONRESIDENTIAL	0.27	0.12	0.00
2012	20120067	NONRESIDENTIAL	0.00	0.02	0.00
2012	20120068	NONRESIDENTIAL	3.48	0.30	0.30
2012	20120069	NONRESIDENTIAL	7.34	1.77	0.70
2012	20120070	NONRESIDENTIAL	7.34	0.75	0.70
2012	20120073	NONRESIDENTIAL	0.30	0.00	0.00
2012	20120074	TRANSPORT/TRANSIT	113.58	9.68	9.68
2012	20120075	NONRESIDENTIAL	0.38	0.06	0.04
2012	20120077	NONRESIDENTIAL	0.18	0.08	0.00
2012	20120078	NONRESIDENTIAL	0.08	0.02	0.00
2012	20120079	MIXED USE	0.41	0.25	0.00
2012	20120080	TRANSPORT/TRANSIT	5.90	0.72	0.72
2012	20120081	NONRESIDENTIAL	1.18	0.50	0.06
2012	20120082	NONRESIDENTIAL	0.03	0.03	0.00
2012	20120083	NONRESIDENTIAL	9.35	1.25	0.05
2012	20120084	NONRESIDENTIAL	0.04	0.02	0.00
2012	20120085	TRANSPORT/TRANSIT	1.98	0.32	0.32
2012	20120087	NONRESIDENTIAL	1.02	0.51	0.09
2012	20120088	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120089	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120092	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120093	NONRESIDENTIAL	0.03	0.01	0.00
2012	20120095	TRANSPORT/TRANSIT	0.00	0.00	0.00
2012	20120098	NONRESIDENTIAL	1.57	0.98	0.14
2012	20120099	NONRESIDENTIAL	0.16	0.08	0.00
2012	20120102	NONRESIDENTIAL	0.55	0.08	0.08
2012	20120103	NONRESIDENTIAL	6.35	1.08	0.57
2012	20120104	RESIDENTIAL	0.96	0.62	0.15
2012	20120106	NONRESIDENTIAL	1.05	0.09	0.09
2012	20120107	NONRESIDENTIAL	2.55	0.23	0.23
2012	20120108	NONRESIDENTIAL	0.28	0.08	0.00
2012	20120111	NONRESIDENTIAL	6.18	0.43	0.31
2012	20120112	NONRESIDENTIAL	6.18	0.43	0.31
2012	20120113	MIXED USE	0.04	0.04	0.00
2012	20120114	NONRESIDENTIAL	0.07	0.03	0.00
2012	20120115	NONRESIDENTIAL	0.07	0.03	0.00
2012	20120116	NONRESIDENTIAL	0.11	0.05	0.00
2012	20120117	RESIDENTIAL	0.87	0.98	0.08
2012	20120118	NONRESIDENTIAL	0.03	0.00	0.00
2012	20120119	MIXED USE	0.03	0.03	0.00
2012	20120121	TRANSPORT/TRANSIT	7.96	0.30	0.30
2012	20120122	NONRESIDENTIAL	0.30	0.14	0.00
2012	20120123	NONRESIDENTIAL	0.68	0.26	0.00
2012	20120124	NONRESIDENTIAL	0.32	0.20	0.00
2012	20120126	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120127	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120128	NONRESIDENTIAL	1.68	0.52	0.08
2012	20120131	NONRESIDENTIAL	0.00	0.00	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2012	20120132	NONRESIDENTIAL	0.30	0.12	0.00
2012	20120136	NONRESIDENTIAL	1.19	0.37	0.03
2012	20120137	NONRESIDENTIAL	1.01	0.33	0.03
2012	20120138	TRANSPORT/TRANSIT	0.32	0.05	0.05
2012	20120140	RESIDENTIAL	0.18	0.54	0.00
2012	20120159	NONRESIDENTIAL	6.44	1.96	0.58
2012	20120161	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120162	NONRESIDENTIAL	1.82	0.49	0.00
2012	20120164	NONRESIDENTIAL	0.41	0.14	0.05
2012	20120166	NONRESIDENTIAL	0.90	0.68	0.00
2012	20120168	TRANSPORT/TRANSIT	0.00	0.00	0.00
2012	20120169	NONRESIDENTIAL	0.40	0.11	0.04
2012	20120173	RESIDENTIAL	2.37	1.25	0.31
2012	20120174	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120175	NONRESIDENTIAL	1.09	0.25	0.23
2012	20120178	NONRESIDENTIAL	1.36	0.36	0.16
2012	20120179	NONRESIDENTIAL	0.40	0.10	0.03
2012	20120180	NONRESIDENTIAL	2.14	4.20	0.19
2012	20120181	NONRESIDENTIAL	1.19	0.32	0.12
2012	20120183	NONRESIDENTIAL	0.36	0.14	0.00
2012	20120184	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120185	TRANSPORT/TRANSIT	0.00	0.00	0.00
2012	20120186	TRANSPORT/TRANSIT	1.24	0.09	0.09
2012	20120188	NONRESIDENTIAL	0.40	0.16	0.00
2012	20120189	NONRESIDENTIAL	3.81	0.76	0.34
2012	20120190	NONRESIDENTIAL	1.85	1.74	0.17
2012	20120192	NONRESIDENTIAL	0.50	0.07	0.07
2012	20120193	NONRESIDENTIAL	0.48	0.34	0.00
2012	20120194	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120195	NONRESIDENTIAL	0.00	0.05	0.00
2012	20120196	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120197	NONRESIDENTIAL	1.19	0.76	0.10
2012	20120200	NONRESIDENTIAL	0.41	0.11	0.11
2012	20120202	TRANSPORT/TRANSIT	62.84	4.73	4.73
2012	20120205	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120206	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120208	NONRESIDENTIAL	0.00	4.07	0.00
2012	20120209	NONRESIDENTIAL	1.01	0.12	0.12
2012	20120210	NONRESIDENTIAL	0.50	0.06	0.06
2012	20120211	RESIDENTIAL	1.00	0.47	0.13
2012	20120212	RESIDENTIAL	1.84	0.53	0.27
2012	20120213	NONRESIDENTIAL	0.53	0.08	0.08
2012	20120214	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120215	NONRESIDENTIAL	0.56	0.28	0.00
2012	20120216	NONRESIDENTIAL	1.68	0.44	0.00
2012	20120219	RESIDENTIAL	1.12	0.36	0.14
2012	20120220	NONRESIDENTIAL	0.94	0.30	0.00
2012	20120221	NONRESIDENTIAL	0.04	0.04	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2012	20120222	TRANSPORT/TRANSIT	3.04	0.41	0.41
2012	20120224	TRANSPORT/TRANSIT	14.56	1.13	1.13
2012	20120225	RESIDENTIAL	0.27	0.27	0.00
2012	20120227	NONRESIDENTIAL	3.42	0.79	0.00
2012	20120229	MIXED USE	0.22	0.10	0.00
2012	20120230	NONRESIDENTIAL	0.91	0.14	0.14
2012	20120231	RESIDENTIAL	0.94	0.32	0.11
2012	20120234	MIXED USE	0.01	0.02	0.00
2012	20120235	NONRESIDENTIAL	0.72	0.34	0.00
2012	20120239	NONRESIDENTIAL	9.17	1.01	0.00
2012	20120240	NONRESIDENTIAL	0.00	0.09	0.00
2012	20120241	NONRESIDENTIAL	0.00	0.09	0.00
2012	20120242	NONRESIDENTIAL	0.00	0.09	0.00
2012	20120243	NONRESIDENTIAL	0.00	0.09	0.00
2012	20120244	TRANSPORT/TRANSIT	0.40	0.05	0.05
2012	20120245	RESIDENTIAL	1.61	0.46	0.23
2012	20120246	NONRESIDENTIAL	0.00	0.00	0.00
2012	20120248	MIXED USE	0.57	0.35	0.05
2012	20120249	NONRESIDENTIAL	0.00	0.08	0.00
2012	20120250	NONRESIDENTIAL	1.19	0.13	0.13
2012	20120255	NONRESIDENTIAL	0.44	0.02	0.02
2012 Subtotal (tons per year)			355.17	66.48	27.11
2013	20130005	TRANSPORT/TRANSIT	8.52	0.90	0.90
2013	20130006	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130008	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130009	RESIDENTIAL	0.00	0.00	0.00
2013	20130010	NONRESIDENTIAL	1.98	0.26	0.26
2013	20130012	RESIDENTIAL	0.43	0.15	0.05
2013	20130014	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130016	NONRESIDENTIAL	0.20	0.08	0.00
2013	20130017	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130018	NONRESIDENTIAL	0.40	0.13	0.04
2013	20130019	NONRESIDENTIAL	0.00	0.10	0.00
2013	20130020	TRANSPORT/TRANSIT	2.95	0.36	0.36
2013	20130021	NONRESIDENTIAL	1.58	0.22	0.20
2013	20130022	RESIDENTIAL	1.23	0.39	0.05
2013	20130024	TRANSPORT/TRANSIT	3.48	0.22	0.22
2013	20130025	NONRESIDENTIAL	0.42	0.16	0.00
2013	20130027	NONRESIDENTIAL	2.76	0.27	0.27
2013	20130028	NONRESIDENTIAL	1.21	0.17	0.17
2013	20130029	RESIDENTIAL	0.27	1.86	0.00
2013	20130030	RESIDENTIAL	0.12	0.50	0.00
2013	20130031	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130033	TRANSPORT/TRANSIT	1.28	0.18	0.18
2013	20130034	NONRESIDENTIAL	0.44	0.18	0.00
2013	20130035	NONRESIDENTIAL	0.01	0.00	0.00
2013	20130036	RESIDENTIAL	1.56	0.72	0.20
2013	20130039	MIXED USE	1.20	0.41	0.11

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2013	20130042	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130043	NONRESIDENTIAL	0.29	0.03	0.03
2013	20130044	NONRESIDENTIAL	0.19	0.02	0.02
2013	20130046	MIXED USE	0.84	0.54	0.00
2013	20130048	NONRESIDENTIAL	0.05	0.02	0.00
2013	20130049	NONRESIDENTIAL	0.48	0.60	0.00
2013	20130050	TRANSPORT/TRANSIT	1.08	0.14	0.14
2013	20130056	TRANSPORT/TRANSIT	11.96	0.95	0.95
2013	20130058	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130059	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130060	TRANSPORT/TRANSIT	2.17	0.25	0.25
2013	20130061	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130063	TRANSPORT/TRANSIT	0.00	0.00	0.00
2013	20130064	TRANSPORT/TRANSIT	0.54	0.05	0.05
2013	20130065	RESIDENTIAL	1.14	0.22	0.10
2013	20130066	NONRESIDENTIAL	0.08	0.05	0.00
2013	20130067	RESIDENTIAL	1.04	0.40	0.10
2013	20130068	TRANSPORT/TRANSIT	0.83	0.12	0.12
2013	20130072	NONRESIDENTIAL	1.93	0.95	0.00
2013	20130075	NONRESIDENTIAL	0.59	0.11	0.07
2013	20130076	NONRESIDENTIAL	0.06	0.03	0.00
2013	20130077	NONRESIDENTIAL	0.14	0.14	0.00
2013	20130078	TRANSPORT/TRANSIT	2.22	0.27	0.27
2013	20130080	NONRESIDENTIAL	1.04	0.40	0.00
2013	20130082	RESIDENTIAL	3.40	1.77	0.42
2013	20130083	RESIDENTIAL	0.00	0.00	0.00
2013	20130085	RESIDENTIAL	4.06	1.20	0.18
2013	20130086	RESIDENTIAL	0.00	0.00	0.00
2013	20130087	NONRESIDENTIAL	0.17	0.07	0.00
2013	20130093	RESIDENTIAL	1.05	0.15	0.14
2013	20130094	NONRESIDENTIAL	0.22	0.18	0.00
2013	20130098	RESIDENTIAL	1.58	0.48	0.19
2013	20130102	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130103	TRANSPORT/TRANSIT	9.70	1.50	1.50
2013	20130104	TRANSPORT/TRANSIT	0.00	0.00	0.00
2013	20130107	NONRESIDENTIAL	1.10	0.22	0.09
2013	20130108	NONRESIDENTIAL	4.56	0.54	0.54
2013	20130111	NONRESIDENTIAL	0.86	0.38	0.00
2013	20130113	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130114	RESIDENTIAL	0.74	0.32	0.07
2013	20130115	RESIDENTIAL	0.59	0.54	0.00
2013	20130116	NONRESIDENTIAL	0.99	0.26	0.09
2013	20130117	NONRESIDENTIAL	0.52	0.12	0.00
2013	20130118	NONRESIDENTIAL	0.36	0.14	0.00
2013	20130119	NONRESIDENTIAL	0.94	0.20	0.00
2013	20130120	RESIDENTIAL	0.09	0.01	0.01
2013	20130122	RESIDENTIAL	1.35	0.69	0.14
2013	20130123	NONRESIDENTIAL	0.13	0.13	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2013	20130124	TRANSPORT/TRANSIT	2.04	0.18	0.18
2013	20130125	RESIDENTIAL	0.08	0.19	0.00
2013	20130126	NONRESIDENTIAL	0.30	0.12	0.00
2013	20130128	RESIDENTIAL	1.14	0.22	0.14
2013	20130129	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130130	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130131	NONRESIDENTIAL	0.12	0.06	0.00
2013	20130132	NONRESIDENTIAL	0.22	0.05	0.00
2013	20130133	NONRESIDENTIAL	0.30	0.06	0.00
2013	20130134	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130135	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130137	NONRESIDENTIAL	0.00	0.04	0.00
2013	20130138	NONRESIDENTIAL	0.00	0.02	0.00
2013	20130139	NONRESIDENTIAL	0.10	0.18	0.00
2013	20130141	NONRESIDENTIAL	0.02	0.00	0.00
2013	20130143	RESIDENTIAL	0.23	0.21	0.00
2013	20130144	RESIDENTIAL	0.00	0.00	0.00
2013	20130146	NONRESIDENTIAL	0.12	0.12	0.00
2013	20130147	NONRESIDENTIAL	0.32	0.12	0.00
2013	20130149	TRANSPORT/TRANSIT	0.90	0.09	0.09
2013	20130150	NONRESIDENTIAL	0.31	0.05	0.05
2013	20130154	NONRESIDENTIAL	0.90	0.13	0.13
2013	20130155	NONRESIDENTIAL	1.23	0.58	0.00
2013	20130158	TRANSPORT/TRANSIT	0.00	0.00	0.00
2013	20130159	TRANSPORT/TRANSIT	0.00	0.00	0.00
2013	20130161	RESIDENTIAL	0.63	0.27	0.08
2013	20130164	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130165	NONRESIDENTIAL	0.07	0.06	0.00
2013	20130167	RESIDENTIAL	0.23	0.19	0.00
2013	20130170	TRANSPORT/TRANSIT	1.66	0.18	0.18
2013	20130174	NONRESIDENTIAL	0.26	0.11	0.00
2013	20130175	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130177	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130178	RESIDENTIAL	1.18	0.31	0.14
2013	20130181	RESIDENTIAL	0.45	0.08	0.06
2013	20130184	RESIDENTIAL	0.88	0.22	0.11
2013	20130185	TRANSPORT/TRANSIT	11.64	1.52	1.52
2013	20130187	TRANSPORT/TRANSIT	0.00	0.00	0.00
2013	20130189	RESIDENTIAL	0.54	0.22	0.07
2013	20130193	RESIDENTIAL	0.65	0.11	0.10
2013	20130194	NONRESIDENTIAL	0.96	0.17	0.13
2013	20130195	NONRESIDENTIAL	0.01	0.00	0.00
2013	20130200	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130201	NONRESIDENTIAL	0.02	0.01	0.00
2013	20130202	RESIDENTIAL	0.29	0.17	0.00
2013	20130203	NONRESIDENTIAL	0.02	0.00	0.00
2013	20130204	NONRESIDENTIAL	0.28	0.07	0.00
2013	20130205	NONRESIDENTIAL	0.02	0.01	0.00

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2013	20130207	NONRESIDENTIAL	0.13	0.07	0.00
2013	20130208	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130211	NONRESIDENTIAL	1.31	0.29	0.12
2013	20130212	TRANSPORT/TRANSIT	4.50	0.32	0.32
2013	20130213	NONRESIDENTIAL	0.49	0.08	0.08
2013	20130214	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130215	TRANSPORT/TRANSIT	0.40	0.05	0.05
2013	20130216	RESIDENTIAL	0.06	0.04	0.00
2013	20130218	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130219	NONRESIDENTIAL	0.08	0.11	0.00
2013	20130220	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130226	NONRESIDENTIAL	0.94	0.09	0.09
2013	20130227	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130230	TRANSPORT/TRANSIT	1.83	0.23	0.23
2013	20130231	NONRESIDENTIAL	0.02	0.01	0.00
2013	20130233	NONRESIDENTIAL	1.00	0.15	0.15
2013	20130234	TRANSPORT/TRANSIT	2.72	0.27	0.27
2013	20130235	TRANSPORT/TRANSIT	0.00	0.00	0.00
2013	20130236	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130237	RESIDENTIAL	0.09	0.17	0.00
2013	20130239	MIXED USE	0.54	0.08	0.08
2013	20130240	NONRESIDENTIAL	0.25	0.09	0.00
2013	20130242	NONRESIDENTIAL	0.21	0.08	0.00
2013	20130243	MIXED USE	0.35	0.11	0.01
2013	20130253	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130254	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130255	NONRESIDENTIAL	3.60	0.45	0.45
2013	20130256	RESIDENTIAL	0.91	0.52	0.13
2013	20130258	RESIDENTIAL	0.42	0.25	0.06
2013	20130259	RESIDENTIAL	1.33	0.42	0.17
2013	20130260	RESIDENTIAL	0.87	0.91	0.12
2013	20130261	RESIDENTIAL	0.67	0.33	0.09
2013	20130263	RESIDENTIAL	0.88	0.13	0.13
2013	20130264	RESIDENTIAL	0.00	0.00	0.00
2013	20130265	TRANSPORT/TRANSIT	0.70	0.09	0.09
2013	20130269	RESIDENTIAL	0.00	0.00	0.00
2013	20130271	NONRESIDENTIAL	0.26	0.09	0.00
2013	20130272	NONRESIDENTIAL	0.03	0.01	0.00
2013	20130274	NONRESIDENTIAL	0.20	0.07	0.00
2013	20130275	NONRESIDENTIAL	0.26	0.05	0.00
2013	20130276	NONRESIDENTIAL	0.42	0.07	0.07
2013	20130277	RESIDENTIAL	0.00	0.00	0.00
2013	20130281	RESIDENTIAL	1.17	0.16	0.16
2013	20130282	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130284	NONRESIDENTIAL	0.70	0.09	0.06
2013	20130285	NONRESIDENTIAL	0.70	0.09	0.06
2013	20130289	NONRESIDENTIAL	0.04	0.01	0.00
2013	20130291	RESIDENTIAL	0.72	0.10	0.10

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Project Year	Project ID	Project Type	Onsite NOX Reduction (tons per year)	Onsite Dust Reduction (tons per year)	Onsite Exhaust Reduction (tons per year)
2013	20130292	TRANSPORT/TRANSIT	2.24	0.27	0.27
2013	20130293	NONRESIDENTIAL	0.00	0.00	0.00
2013	20130297	RESIDENTIAL	0.45	0.12	0.06
2013 Subtotal (tons per year)			148.73	34.04	14.88
Total (tons per year) :			3,184.70	673.06	81.37
Total (tons per day)			1.11	0.24	0.03

PM2.5 Dust	
total onsite PM10 dust emission reductions from 2006 to 2013 (tons)	673.06
total number of days	2861
tons per day of PM10 dust reduction	0.24
tons per day of PM2.5 dust reduction (dust PM2.5/PM10 fraction @ 15%)	0.04
PM2.5 Exhaust	
total onsite PM10 exhaust emission reductions from 2006 to 2013 (tons)	81.37
total number of days	2861
tons per day of PM10 exhaust reduction	0.03
tons per day of PM2.5 exhaust reduction (exhaust PM2.5/PM10 fraction @ 92%)	0.03
Total PM2.5	
Total PM2.5 Dust and Exhaust Emission Reductions (tons per day)	0.06

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SJVAPCD Administered SIP-Creditable Incentive Project List								
Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
Ag Engine, Repower, Irrigation Pump, The Carl Moyer Program 2005 Guidelines, Chpt 10								
S-1612	6	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	11/5/2009	0.92	0.02
C-2584	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	11/30/2009	0.42	0.01
C-2584	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	11/30/2009	0.42	0.01
C-2584	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	11/30/2009	0.42	0.01
C-2584	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	11/30/2009	0.42	0.01
C-2584	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	11/30/2009	0.42	0.01
C-9655-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/26/2011	0.49	0.03
C-9973-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/27/2011	0.49	0.00
C-9990-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	5/2/2011	0.34	0.02
C-6015-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	5/23/2011	0.46	0.00
C-8190-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	5/25/2011	0.49	0.00
C-5714-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	6/16/2011	0.93	0.01
C-7807-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	6/22/2011	0.55	0.02
C-9676-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	6/27/2011	0.23	0.00
C-9880-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	7/11/2011	1.34	0.05
C-9676-A	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	7/14/2011	0.23	0.00
S-1858-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	7/24/2011	1.61	0.07
C-3906-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	8/23/2011	2.62	0.12
Subtotal in Tons per Day							0.04	0.00
Ag Engine, Repower, Irrigation Pump, The Carl Moyer Program 2008 Guidelines, Chpt 10								
N-1276	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	4/6/2011	5.65	0.32
N-1276	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	3/5/2012	5.65	0.32
N-1276	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	3/5/2012	5.65	0.32
N-1276	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	3/29/2012	5.65	0.32
N-1276	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	3/29/2012	6.44	0.36
S-1470-A	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	3/31/2012	6.51	0.30
C-19702-A	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	6/22/2012	4.38	0.10
C-19702-A	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	6/22/2012	3.32	0.08
S-1470-A	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	9/7/2012	6.51	0.30
C-20805-A	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	10/23/2012	3.30	0.08
S-1470-A	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	11/26/2012	6.51	0.30
S-1470-A	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	20	11/26/2012	6.51	0.30
N-1210	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	15	2/19/2009	8.36	0.26
N-1210	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	15	3/6/2009	8.36	0.26

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
S-1217	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	1/28/2009	0.50	0.01
C-2361	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	1/28/2009	1.76	0.06
C-2235	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	1/30/2009	0.42	0.01
C-2235	8	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	2/4/2009	0.56	0.01
S-1217	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	2/16/2009	0.50	0.01
C-2235	10	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	2/19/2009	0.42	0.01
S-1217	6	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	2/19/2009	0.50	0.01
S-1537	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	2/22/2009	1.05	0.04
S-1217	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	3/11/2009	1.16	0.03
C-2033	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	3/19/2009	1.40	0.03
C-2033	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	3/19/2009	2.53	0.06
C-2033	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	3/19/2009	1.86	0.04
C-2033	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	3/19/2009	1.60	0.04
C-2227	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	3/31/2009	1.57	0.04
C-2228	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	3/31/2009	0.75	0.02
C-2230	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	3/31/2009	1.05	0.02
C-2235	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	3/31/2009	0.42	0.01
S-1217	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/16/2009	0.50	0.01
C-2235	7	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/17/2009	0.27	0.01
C-2235	9	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/17/2009	0.42	0.01
C-2023	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/24/2009	0.04	0.00
C-2023	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/24/2009	0.04	0.00
C-2023	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/24/2009	0.04	0.00
C-2023	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/24/2009	0.04	0.00
C-2023	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/24/2009	0.04	0.00
C-2023	6	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/24/2009	0.04	0.00
C-2023	7	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/24/2009	0.05	0.00
C-2023	8	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/24/2009	0.05	0.00
C-2201	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/28/2009	0.83	0.02
C-2279	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	4/30/2009	1.56	0.04
S-1426	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/7/2009	0.83	0.02
C-2227	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/18/2009	1.25	0.03
C-2228	6	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/18/2009	1.25	0.03
S-1216	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/18/2009	0.24	0.00
C-2229	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/19/2009	1.25	0.03
S-1426	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/22/2009	0.73	0.02

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-2454	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/25/2009	0.31	0.01
S-1426	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/28/2009	1.39	0.03
C-2202	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/29/2009	0.83	0.02
S-1252	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	5/30/2009	0.70	0.02
S-1426	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	6/28/2009	0.83	0.02
S-1426	6	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	6/28/2009	0.83	0.02
C-2227	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	6/30/2009	1.04	0.02
S-1217	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	6/30/2009	0.42	0.01
S-1426	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/2/2009	1.04	0.02
C-2463	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/8/2009	0.76	0.02
C-2463	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/8/2009	0.76	0.02
C-2463	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/8/2009	1.00	0.00
C-2463	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/8/2009	1.00	0.02
C-2229	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/27/2009	0.83	0.02
S-1254	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/27/2009	0.60	0.01
C-1999	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/31/2009	1.88	0.01
C-1999	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/31/2009	1.88	0.01
C-1999	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/31/2009	1.88	0.01
C-2228	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/31/2009	1.25	0.03
C-2495	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/31/2009	0.79	0.02
C-2495	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/31/2009	1.25	0.03
C-2495	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/31/2009	0.50	0.01
C-2495	6	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	7/31/2009	0.42	0.01
S-1630	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/5/2009	0.25	0.01
S-1455	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/10/2009	0.51	0.01
S-1455	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/10/2009	0.67	0.02
S-1456	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/10/2009	0.67	0.02
S-1645	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/10/2009	0.52	0.00
S-1645	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/10/2009	0.83	0.02
S-1619	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/13/2009	0.67	0.02
S-1645	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/15/2009	0.83	0.02
S-1645	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/15/2009	0.52	0.01
S-1645	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/15/2009	0.52	0.01
S-1645	6	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/15/2009	0.52	0.01
C-2228	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/17/2009	1.50	0.04
N-1214	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/17/2009	0.37	0.01

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-2544	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/26/2009	0.35	0.01
C-2654	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	8/28/2009	2.04	0.07
S-1619	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	9/8/2009	0.67	0.02
S-1619	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	9/8/2009	0.67	0.02
S-1612	7	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	9/12/2009	1.00	0.02
S-1418	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	9/15/2009	0.91	0.02
S-1536	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	9/22/2009	0.57	0.01
S-1536	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	9/22/2009	0.57	0.01
S-1536	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	9/22/2009	0.37	0.01
S-1536	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	9/26/2009	0.37	0.01
C-2654	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/14/2009	2.04	0.07
C-2227	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.31	0.03
C-2227	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	0.83	0.02
C-2228	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.04	0.02
C-2228	4	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	0.67	0.02
C-2229	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.25	0.03
C-2229	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.25	0.03
C-2229	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.57	0.04
C-2230	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.00	0.02
C-2230	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.00	0.02
C-2230	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	0.67	0.02
C-2230	5	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	0.33	0.01
C-2230	6	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.00	0.02
S-1384	1	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.67	0.04
S-1612	2	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	0.92	0.02
S-1612	3	Ag Engine	Ag Alt. Fuel to Elec	Irrigation Pump	10	10/30/2009	1.25	0.03
C-2584	6	Ag Engine	Ag Diesel to Diesel	Irrigation Pump	10	11/30/2009	0.58	0.01
S-1624	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/9/2009	0.48	0.01
S-1624	3	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/9/2009	0.68	0.02
S-1624	4	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/9/2009	0.68	0.02
S-1624	5	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/9/2009	0.68	0.02
S-1624	6	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/9/2009	1.25	0.03
S-1624	7	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/9/2009	0.68	0.02
S-1624	9	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/9/2009	0.82	0.02
S-1612	5	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/10/2009	0.83	0.02
S-1238	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/14/2009	0.55	0.01

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
S-1385	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/14/2009	0.83	0.02
S-1536	4	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/14/2009	0.57	0.01
C-2396	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/15/2009	1.16	0.03
C-2537	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/16/2009	0.61	0.01
S-1264	3	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/16/2009	0.71	0.02
S-1264	5	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/16/2009	0.99	0.02
S-1315	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/17/2009	1.04	0.02
S-1366	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/27/2009	1.21	0.03
C-2587	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/28/2009	1.17	0.03
C-2545	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	3/10/2010	0.35	0.01
S-1517-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	3/30/2010	0.84	0.04
N-1419-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	3/31/2010	0.33	0.01
S-1867-A	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	3/31/2010	0.45	0.02
S-1867-A	5	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	3/31/2010	0.10	0.00
S-1867-A	7	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	3/31/2010	0.50	0.02
S-1867-A	9	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	3/31/2010	0.25	0.01
C-3430-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/2/2010	0.78	0.03
S-1867-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/10/2010	0.10	0.00
S-1867-A	3	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/10/2010	0.07	0.00
S-1867-A	4	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/10/2010	0.05	0.00
S-1867-A	8	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/10/2010	0.28	0.01
C-3720-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/22/2010	0.67	0.03
C-2659-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/26/2010	2.33	0.10
C-3398-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/27/2010	1.11	0.05
S-1867-A	6	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/29/2010	0.07	0.00
C-2530-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	5/28/2010	0.84	0.04
C-2530-A	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	5/28/2010	0.84	0.04
C-2530-A	3	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	5/28/2010	0.84	0.04
S-1252	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	6/22/2010	0.70	0.02
C-2787-A	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	6/24/2010	1.66	0.07
C-3464-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	6/30/2010	2.16	0.10
C-3464-A	3	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	6/30/2010	1.83	0.08
C-3464-A	4	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	6/30/2010	2.62	0.12
C-3283-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	6/30/2010	1.11	0.05
S-1893-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	7/8/2010	0.67	0.03
C-2579-A	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	7/30/2010	1.95	0.09

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-8851-A	1	Ag Engine	Ag New Electric Motor	Irrigation Pump	10	9/21/2011	0.29	0.01
C-7410-A	1	Ag Engine	Ag New Electric Motor	Irrigation Pump	10	9/30/2011	2.12	0.07
Subtotal in Tons per Day							0.57	0.02
Ag Engine, Repower, Irrigation Pump, The Carl Moyer Program 2011 Guidelines, Chapter 10								
C-2584	7	Ag Engine	Ag Diesel to Diesel	Irrigation Pump	10	11/30/2009	0.58	0.01
C-2584	8	Ag Engine	Ag Diesel to Diesel	Irrigation Pump	10	11/30/2009	0.58	0.01
C-2584	9	Ag Engine	Ag Diesel to Diesel	Irrigation Pump	10	11/30/2009	0.58	0.01
S-1640	1	Ag Engine	Ag Diesel to Diesel	Irrigation Pump	10	12/7/2009	0.90	0.02
S-1640	2	Ag Engine	Ag Diesel to Diesel	Irrigation Pump	10	12/7/2009	1.09	0.03
S-1640	3	Ag Engine	Ag Diesel to Diesel	Irrigation Pump	10	12/7/2009	1.09	0.03
S-1624	1	Ag Engine	Ag Diesel to Diesel	Irrigation Pump	10	12/9/2009	0.96	0.02
C-2787-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	8/13/2010	1.66	0.07
C-2703-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	10/4/2010	2.33	0.10
C-2703-A	2	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	10/4/2010	2.33	0.10
C-4162-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	10/12/2010	0.56	0.02
C-3721-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	10/29/2010	0.45	0.02
C-4002-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	11/8/2010	2.86	0.13
C-3828-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	11/17/2010	1.78	0.08
C-3948-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/1/2010	1.33	0.06
C-3806-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/13/2010	1.95	0.09
C-4080-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	12/30/2010	0.56	0.02
C-4001-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	1/31/2011	3.60	0.16
C-3457-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	3/21/2011	2.33	0.10
C-4562-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	3/23/2011	1.24	0.01
C-7512-A	1	Ag Engine	Ag Diesel to Elec	Irrigation Pump	10	4/13/2011	1.29	0.01
C-13541-A	1	Ag Engine	Ag New Electric Motor	Irrigation Pump	10	10/31/2011	0.59	0.00
Subtotal in Tons per Day							0.08	0.00
Off-Road Equipment - Mobile Agricultural, Engine Repower and Retrofit, The Carl Moyer Program 2008 Guidelines, Chapter 5								
C-9879-A	1	Off-Road	Engine Repower	Agricultural Tractor	10	12/16/2011	1.08	0.04
C-7509-A	1	Off-Road	Engine Repower	Agricultural Tractor	10	1/6/2012	0.93	0.01
C-17421-A	1	Off-Road	Engine Repower	Combine	10	1/27/2012	0.46	0.00
C-18716-A	1	Off-Road	Engine Repower	Other Agricultural	10	2/28/2012	0.52	0.00
C-17645-A	1	Off-Road	Engine Repower & Retrofit	Combine	10	3/23/2012	0.45	0.00
C-17646-A	1	Off-Road	Engine Repower & Retrofit	Combine	10	3/23/2012	0.77	0.00
Subtotal in Tons per Day							0.01	0.00

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
Off-Road Equipment - Mobile Agricultural, Engine Repower, The Carl Moyer Program 2011 Guidelines, Chapter 7								
C-14117-A	1	Off-Road	Engine Repower	Sprayer	10	3/7/2012	0.43	0.02
C-17716-A	1	Off-Road	Engine Repower	Sprayer	10	3/19/2012	0.46	0.00
Subtotal in Tons per Day							0.00	0.00
Off-Road Equipment - Mobile Agricultural, Vehicle Replacement, The Carl Moyer Program 2011 Guidelines, Chapter 9								
C-18620-A	1	Off-Road	Vehicle Replacement	Ag Forage Harvester	10	4/16/2012	0.24	0.00
C-19174-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/17/2012	0.51	0.00
C-18579-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/21/2012	0.03	0.00
C-16508-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/31/2012	2.12	0.01
C-19294-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/7/2012	0.37	0.00
C-18930-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/20/2012	0.33	0.01
C-18087-A	7	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/26/2012	0.39	0.00
C-18087-A	8	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/26/2012	0.39	0.00
C-19029-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/26/2012	0.74	0.00
C-19955-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/26/2012	0.37	0.00
C-17914-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/8/2012	0.19	0.01
C-18876-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/10/2012	0.25	0.00
C-18651-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/5/2012	1.00	0.03
C-18978-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/14/2012	1.00	0.03
C-20410-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2012	0.56	0.00
C-19735-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/26/2012	0.48	0.02
C-7525-A*	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/15/2012	0.28	0.01
C-7525-A*	2	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/15/2012	0.00	0.00
C-20022-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/28/2012	0.00	0.01
C-18577-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/4/2012	0.77	0.00
C-7561-A*	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/21/2012	0.18	0.01
C-7561-A*	2	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/21/2012	0.00	0.00
C-8751-A*	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	3/8/2013	3.86	0.14
C-8751-A*	2	Off-Road	Vehicle Replacement	Agricultural Tractor	10	3/8/2013	0.00	0.00
C-23556-A*	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/9/2013	1.06	0.01
C-23556-A*	2	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/9/2013	0.00	0.00
S-1091	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/5/2009	0.14	0.00
S-1150	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/5/2009	3.77	0.13
C-1946	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/27/2009	0.17	0.00
C-1946	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/29/2009	0.20	0.00
C-1946	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/29/2009	0.12	0.00

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
S-1091	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/30/2009	0.24	0.01
N-0968	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/30/2009	3.22	0.03
N-0970	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	3/23/2009	2.19	0.01
N-0968	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	3/24/2009	2.33	0.01
N-0970	4	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/13/2009	3.40	0.02
C-1993	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/22/2009	0.25	0.02
C-1993	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/22/2009	0.25	0.02
C-2009	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/23/2009	0.25	0.02
C-2009	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/23/2009	0.25	0.02
C-2009	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/23/2009	0.36	0.02
C-2009	4	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/23/2009	0.36	0.02
N-0970	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/29/2009	2.60	0.01
N-0970	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/30/2009	4.30	0.14
S-1150	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/30/2009	3.77	0.13
C-2004	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	5/10/2009	0.78	0.02
C-2434	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/23/2009	0.68	0.02
C-2061	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	7/8/2009	0.26	0.01
C-2440	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	9/23/2009	0.18	0.01
N-1188	23	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/18/2010	0.26	0.01
C-1979	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/26/2010	0.34	0.01
C-1979	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/26/2010	0.34	0.01
C-1979	4	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/26/2010	0.34	0.01
N-1188	21	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/29/2010	0.26	0.01
C-1979	5	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/17/2010	0.34	0.01
C-1979	6	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/17/2010	0.34	0.01
N-1188	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/23/2010	0.67	0.05
C-1954	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/26/2010	0.18	0.00
C-1979	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	3/4/2010	0.34	0.01
C-2036	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	3/4/2010	0.15	0.01
N-1188	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/14/2010	0.67	0.00
N-1188	11	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/22/2010	0.67	0.00
N-1188	15	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/29/2010	0.72	0.04
N-1188	7	Off-Road	Vehicle Replacement	Agricultural Tractor	7	5/11/2010	0.30	0.00
C-3585-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/16/2010	0.38	0.07
N-1188	9	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/18/2010	0.30	0.00
N-1188	5	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/28/2010	0.30	0.00

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
N-1163-A	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/29/2010	1.97	0.13
C-3346-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	7/13/2010	0.36	0.05
N-1188	13	Off-Road	Vehicle Replacement	Agricultural Tractor	7	7/23/2010	0.67	0.00
C-3585-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	7/26/2010	0.38	0.07
N-1188	17	Off-Road	Vehicle Replacement	Agricultural Tractor	7	7/28/2010	0.72	0.04
C-3587-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	8/17/2010	0.16	0.03
C-3633-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	8/19/2010	0.20	0.01
C-4072-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	8/19/2010	0.02	0.01
C-3894-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	8/20/2010	0.20	0.01
N-1277-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	9/13/2010	0.37	0.06
N-1163-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	9/15/2010	1.97	0.13
N-1195	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	9/21/2010	2.12	0.07
C-3305-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	9/27/2010	0.79	0.12
S-1863-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	9/30/2010	0.88	0.03
C-3894-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	10/5/2010	0.28	0.01
C-4021-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	10/14/2010	0.16	0.01
C-4057-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	10/26/2010	0.40	0.02
C-4021-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	10/29/2010	0.16	0.01
C-4055-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/9/2010	0.85	0.02
C-3592-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/24/2010	0.74	0.00
C-3868-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/10/2010	1.89	0.08
C-3868-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/10/2010	1.89	0.08
C-3305-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/16/2010	1.10	0.12
C-3832-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/31/2010	0.19	0.01
C-4189-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/25/2011	2.29	0.00
C-10122-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	5/9/2011	0.18	0.01
C-3920-A	4	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/8/2011	0.73	0.05
C-3975-A	30	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/22/2011	0.47	0.03
N-1277-A	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/28/2011	0.16	0.03
C-7513-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/29/2011	0.45	0.00
C-7791-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/30/2011	2.62	0.10
C-3975-A	6	Off-Road	Vehicle Replacement	Agricultural Tractor	7	7/7/2011	0.29	0.03
C-3975-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	8/15/2011	0.29	0.03
C-3975-A	29	Off-Road	Vehicle Replacement	Agricultural Tractor	7	8/15/2011	0.47	0.03
C-3975-A	31	Off-Road	Vehicle Replacement	Agricultural Tractor	7	8/31/2011	0.47	0.03
C-3975-A	28	Off-Road	Vehicle Replacement	Agricultural Tractor	7	9/26/2011	0.47	0.03

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-3975-A	4	Off-Road	Vehicle Replacement	Agricultural Tractor	7	9/30/2011	0.29	0.03
C-3975-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	10/21/2011	0.29	0.03
C-3975-A	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	10/31/2011	0.29	0.03
C-3975-A	5	Off-Road	Vehicle Replacement	Agricultural Tractor	7	10/31/2011	0.29	0.03
C-3975-A	27	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/1/2011	0.47	0.03
C-3975-A	7	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/9/2011	0.40	0.02
C-3975-A	14	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/9/2011	0.40	0.02
C-7791-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/28/2011	2.42	0.09
C-3975-A	17	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/1/2011	0.40	0.02
C-3975-A	18	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/1/2011	0.40	0.02
C-3975-A	20	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/1/2011	0.40	0.02
C-3975-A	9	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/12/2011	0.40	0.02
C-3975-A	10	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/12/2011	0.40	0.02
C-3975-A	23	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/12/2011	0.40	0.02
C-3975-A	11	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/22/2011	0.40	0.02
C-3975-A	15	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/22/2011	0.40	0.02
C-3975-A	22	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/22/2011	0.40	0.02
C-3975-A	25	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/22/2011	0.40	0.02
C-7791-A	5	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/27/2011	2.62	0.11
C-7791-A	7	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/27/2011	2.42	0.09
C-3975-A	8	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/12/2012	0.40	0.02
C-3975-A	13	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/12/2012	0.40	0.02
C-3975-A	16	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/12/2012	0.40	0.02
C-3975-A	24	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/12/2012	0.40	0.02
C-3975-A	12	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/30/2012	0.40	0.02
C-3975-A	19	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/30/2012	0.40	0.02
C-3975-A	21	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/30/2012	0.40	0.02
C-3975-A	26	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/30/2012	0.40	0.02
C-7791-A	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	1/30/2012	2.83	0.11
C-7791-A	4	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/15/2012	2.62	0.11
C-7791-A	6	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/15/2012	2.62	0.10
C-7791-A	8	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/17/2012	2.83	0.11
C-7791-A	9	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/17/2012	2.62	0.11
C-3726-A	4	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/25/2012	0.37	0.00
C-3726-A	12	Off-Road	Vehicle Replacement	Agricultural Tractor	7	4/26/2012	0.37	0.00
C-3726-A	13	Off-Road	Vehicle Replacement	Agricultural Tractor	7	5/9/2012	0.37	0.00

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-3726-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	7	6/26/2012	0.37	0.00
C-19554-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	7/5/2012	0.12	0.01
C-3726-A	7	Off-Road	Vehicle Replacement	Agricultural Tractor	7	7/13/2012	0.37	0.00
C-3726-A	15	Off-Road	Vehicle Replacement	Agricultural Tractor	7	7/27/2012	0.37	0.00
S-1767-A	11	Off-Road	Vehicle Replacement	Agricultural Tractor	7	8/6/2012	0.41	0.02
C-3726-A	14	Off-Road	Vehicle Replacement	Agricultural Tractor	7	8/10/2012	0.37	0.00
C-3726-A	6	Off-Road	Vehicle Replacement	Agricultural Tractor	7	9/5/2012	0.37	0.00
C-3726-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	10/9/2012	0.37	0.00
C-3726-A	10	Off-Road	Vehicle Replacement	Agricultural Tractor	7	10/12/2012	0.37	0.00
C-3726-A	3	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/1/2012	0.37	0.00
C-3726-A	8	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/1/2012	0.37	0.00
C-3726-A	9	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/15/2012	0.37	0.00
C-3726-A	16	Off-Road	Vehicle Replacement	Agricultural Tractor	7	11/15/2012	0.37	0.00
C-3726-A	5	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/4/2012	0.37	0.00
C-3726-A	11	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/6/2012	0.37	0.00
C-20318-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	12/20/2012	0.74	0.03
C-4105-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	7	2/27/2013	0.29	0.02
C-1898	24	Off-Road	Vehicle Replacement	Agricultural Tractor	6	1/6/2009	0.31	0.03
C-2105	1	Off-Road	Vehicle Replacement	Agricultural Tractor	6	1/15/2009	2.37	0.01
C-1898	11	Off-Road	Vehicle Replacement	Agricultural Tractor	6	2/2/2009	0.63	0.03
C-1898	17	Off-Road	Vehicle Replacement	Agricultural Tractor	6	2/2/2009	0.37	0.00
C-1898	18	Off-Road	Vehicle Replacement	Agricultural Tractor	6	2/2/2009	0.18	0.00
N-1101	1	Off-Road	Vehicle Replacement	Agricultural Tractor	6	2/16/2009	1.14	0.05
N-1101	10	Off-Road	Vehicle Replacement	Agricultural Tractor	6	2/16/2009	1.40	0.01
N-1101	15	Off-Road	Vehicle Replacement	Agricultural Tractor	6	2/16/2009	1.23	0.05
N-1101	17	Off-Road	Vehicle Replacement	Agricultural Tractor	6	2/16/2009	1.23	0.05
C-21225-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/10/2013	0.21	0.01288
C-21232-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/10/2013	0.62	0.0184
C-8206-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/10/2013	0.34	0.01932
C-21600-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/13/2013	0.46	0.0184
C-21152-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/15/2013	0.42	0.02484
C-21153-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/15/2013	0.83	0.046
C-22246-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/15/2013	0.03	0.00644
C-22248-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/15/2013	0.04	0.01012
C-21299-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/16/2013	0.16	0.0092
C-21659-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/16/2013	0.89	0.04232

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-21478-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/17/2013	0.05	0.00552
C-21842-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/17/2013	0.28	0.01288
C-21129-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/20/2013	0.87	0.05336
C-21285-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/20/2013	1.34	0.04048
C-21305-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/20/2013	0.30	0.0184
C-21306-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/20/2013	0.69	0.023
C-21563-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/20/2013	0.01	0.00276
C-21605-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/20/2013	0.05	0.01196
C-21608-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/20/2013	0.05	0.01196
C-21610-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/20/2013	0.05	0.01012
C-21640-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/20/2013	0.05	0.01196
C-22794-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/21/2013	2.39	0.11592
C-7499-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/21/2013	0.44	0.02484
C-8314-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/21/2013	0.06	0.00276
C-21574-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/22/2013	0.70	0.0322
C-21578-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/22/2013	0.21	0.01104
C-7433-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/22/2013	0.37	0.02944
C-8149-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/23/2013	0.05	0.00276
C-8709-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/23/2013	0.54	0.023
C-21273-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/24/2013	0.40	0.01564
C-21377-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/24/2013	0.03	0.00368
C-21819-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/24/2013	0.14	0.00644
C-22500-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/24/2013	0.95	0.01932
C-22501-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/24/2013	1.06	0.04232
C-21250-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/28/2013	0.23	0.01748
C-21818-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/29/2013	0.15	0.00828
C-21903-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/29/2013	0.15	0.00828
C-21214-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/30/2013	0.31	0.01748
C-21597-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/30/2013	0.12	0.00736
C-21598-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/30/2013	0.93	0.05796
C-21519-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/31/2013	0.07	0.00828
C-21581-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/31/2013	0.41	0.01932
C-21583-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/31/2013	0.29	0.01748
C-21585-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/31/2013	0.31	0.01472
C-21602-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/31/2013	0.75	0.0322
C-21993-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/31/2013	0.01	0.00276

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-8450-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	5/31/2013	0.31	0.01288
C-21337-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/3/2013	0.27	0.01656
C-21346-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/3/2013	0.49	0.023
C-21388-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/3/2013	0.56	0.01656
C-21389-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/3/2013	0.63	0.0184
C-22626-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/4/2013	1.98	0.07636
C-8497-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/4/2013	0.01	0.001748
C-8499-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/4/2013	0.01	0.003496
C-21460-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/7/2013	0.20	0.01196
C-21625-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/11/2013	0.30	0.0138
C-21380-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/12/2013	0.21	0.01288
C-21404-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/12/2013	0.12	0.00736
C-22325-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/12/2013	0.45	0.02116
C-21465-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/14/2013	0.21	0.01196
C-21466-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/14/2013	0.34	0.0184
C-21470-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/17/2013	0.73	0.02576
C-21471-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/17/2013	0.58	0.05796
C-21472-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/17/2013	1.07	0.06164
C-21473-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/17/2013	0.26	0.02852
C-8530-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/17/2013	0.26	0.01564
C-21322-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/18/2013	0.81	0.03312
C-21976-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/18/2013	0.02	0.0046
C-21354-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/20/2013	0.23	0.023
C-21357-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/20/2013	0.34	0.02116
C-21383-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/20/2013	0.19	0.0092
C-21384-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/20/2013	0.44	0.02484
C-21385-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/20/2013	0.44	0.02484
C-8058-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/20/2013	0.69	0.03772
C-21398-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/21/2013	1.08	0.0598
C-21757-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/24/2013	0.12	0.0046
C-21999-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/24/2013	0.52	0.02116
C-23647-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/25/2013	0.08	0.00644
C-21365-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/26/2013	0.04	0.00276
C-22165-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/26/2013	0.24	0.01196
C-22269-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/26/2013	0.16	0.00644
C-21764-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/27/2013	0.35	0.01656

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-22579-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/27/2013	0.01	0.00184
C-8795-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/27/2013	0.21	0.0138
C-21723-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/28/2013	0.15	0.00736
C-22326-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/28/2013	0.44	0.02024
C-21379-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	6/29/2013	2.79	0.1104
C-21181-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/1/2013	0.01	0.00184
C-21184-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/1/2013	0.01	0.00184
C-21186-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/1/2013	0.02	0.00276
C-21187-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/1/2013	0.02	0.00276
C-21480-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/2/2013	0.11	0.00736
C-8427-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/2/2013	2.19	0.08924
C-21396-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/3/2013	0.02	0.0046
C-21240-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/5/2013	0.32	0.0184
C-21317-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/5/2013	0.49	0.02116
C-21327-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/5/2013	1.22	0.04968
C-21390-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/5/2013	0.37	0.02852
C-21175-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/8/2013	0.24	0.0184
C-21176-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/8/2013	0.25	0.03036
C-21584-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/9/2013	0.74	0.02208
C-21256-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/10/2013	0.13	0.0092
C-21259-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/10/2013	0.25	0.0138
C-21268-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/10/2013	0.24	0.01288
C-21289-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/10/2013	0.19	0.01472
C-21399-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/10/2013	0.10	0.00552
C-22710-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/10/2013	0.06	0.0046
C-7555-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/10/2013	0.18	0.01012
C-7559-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/10/2013	0.17	0.0092
C-8429-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/10/2013	1.99	0.07176
C-21910-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/11/2013	0.41	0.02024
C-22429-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/11/2013	0.71	0.02852
C-8195-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/11/2013	1.74	0.06256
C-21523-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/12/2013	0.54	0.02944
C-21567-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/12/2013	0.08	0.00368
C-22064-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/13/2013	0.04	0.00828
C-8535-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/15/2013	0.24	0.01472
C-21562-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/16/2013	0.09	0.0046

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-21330-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/17/2013	0.98	0.04324
C-22502-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/17/2013	0.12	0.00644
C-22505-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/17/2013	0.12	0.00644
C-22506-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/17/2013	0.12	0.00644
C-22507-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/17/2013	0.22	0.00828
C-21333-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/18/2013	0.86	0.04784
C-21302-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/19/2013	0.45	0.0276
C-22162-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/19/2013	0.29	0.01748
C-21239-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/20/2013	1.17	0.02392
C-21243-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/20/2013	0.74	0.01472
C-22835-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/22/2013	0.19	0.00828
C-21373-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/23/2013	0.57	0.02484
C-21507-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/23/2013	0.87	0.02668
C-21924-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/23/2013	0.58	0.023
C-21977-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/23/2013	0.05	0.00276
C-21981-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/23/2013	0.02	0.00184
C-21990-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/23/2013	0.03	0.00276
C-21851-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/24/2013	0.34	0.0276
C-21720-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/25/2013	1.10	0.04416
C-21435-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/26/2013	0.55	0.03128
C-21711-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/26/2013	0.82	0.02392
C-21712-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/26/2013	0.32	0.01932
C-22074-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/26/2013	1.20	0.04692
C-22075-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/26/2013	0.75	0.02944
C-22508-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/29/2013	0.76	0.03036
C-22531-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/29/2013	0.11	0.0046
C-22329-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/30/2013	0.02	0.00368
C-22330-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/30/2013	0.02	0.00368
C-8536-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/30/2013	0.20	0.01104
C-21328-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/31/2013	0.41	0.01656
C-21386-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/31/2013	0.76	0.04232
C-21387-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/31/2013	0.69	0.03864
C-21743-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	10	7/31/2013	0.73	0.01472
C-21820-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/2/2013	2.16	0.08648
C-21850-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/2/2013	0.67	0.02576
C-8266-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/2/2013	0.21	0.01196

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-21282-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/7/2013	1.26	0.02576
C-21836-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/7/2013	0.14	0.00828
C-21448-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/8/2013	1.43	0.0552
C-22327-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/8/2013	0.43	0.02024
C-21432-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.46	0.05704
C-21433-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.46	0.05704
C-21434-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.55	0.03128
C-21564-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.33	0.0414
C-21673-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	2.10	0.08372
C-22289-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	1.00	0.046
C-22663-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.26	0.0138
C-8331-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.35	0.0276
C-8338-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.35	0.0276
C-8347-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.30	0.01656
C-8426-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.35	0.0276
C-8459-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/9/2013	0.68	0.02668
C-21361-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/13/2013	0.48	0.0276
C-21467-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/13/2013	1.66	0.03404
C-21917-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/13/2013	0.29	0.01748
C-22265-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/14/2013	0.11	0.01196
C-22279-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/14/2013	0.25	0.01656
C-21657-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/16/2013	1.84	0.06256
C-22186-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/16/2013	0.07	0.0046
C-21185-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/19/2013	0.10	0.00736
C-22313-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/19/2013	0.36	0.01656
C-22349-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/19/2013	0.20	0.01196
C-23749-A	2	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/21/2013	0.11	0.0046
C-21180-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/22/2013	0.28	0.01564
C-21697-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/22/2013	0.14	0.00644
C-21978-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/22/2013	2.14	0.07636
C-21297-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/23/2013	0.15	0.00828
C-21565-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/23/2013	0.45	0.02484
C-21875-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/23/2013	1.62	0.06256
C-22130-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/23/2013	0.45	0.02208
C-22140-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/23/2013	0.34	0.02024
C-22263-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/23/2013	0.53	0.0184

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-22264-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/23/2013	0.21	0.00736
C-21878-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/26/2013	0.42	0.023
C-22272-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/26/2013	0.08	0.00552
C-22278-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/26/2013	0.05	0.00368
C-21370-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/27/2013	0.62	0.03588
C-21694-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/28/2013	0.05	0.0138
C-22219-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/28/2013	0.09	0.00552
C-21363-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/29/2013	0.94	0.03772
C-21409-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/29/2013	3.12	0.12236
C-22530-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/29/2013	0.16	0.00644
C-21188-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/30/2013	0.31	0.01288
C-21591-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	8/30/2013	0.69	0.03956
C-21284-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/1/2013	1.15	0.02208
C-21613-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/4/2013	0.17	0.00828
C-22625-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/4/2013	0.32	0.01196
C-23364-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/4/2013	0.07	0.00368
C-21260-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/5/2013	0.43	0.01656
C-21344-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/6/2013	1.63	0.03312
C-23490-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/6/2013	0.63	0.02576
C-21237-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/9/2013	0.78	0.01472
C-21253-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/9/2013	0.58	0.02392
C-21255-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/9/2013	0.54	0.02208
C-21261-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/9/2013	0.87	0.03128
C-21349-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/9/2013	0.04	0.0138
C-21397-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/9/2013	1.41	0.11224
C-21902-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/10/2013	0.12	0.00552
C-21998-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/10/2013	0.06	0.00736
C-21722-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/11/2013	0.27	0.01288
C-21816-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/11/2013	0.20	0.01104
C-21622-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/12/2013	0.08	0.0046
C-21894-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/12/2013	0.08	0.0046
C-21586-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/13/2013	0.23	0.01012
C-21588-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/13/2013	0.38	0.01748
C-22054-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/13/2013	0.13	0.00644
C-21568-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/16/2013	0.69	0.02668
C-21837-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/16/2013	0.02	0.00184

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-8297-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/16/2013	0.38	0.02116
C-21242-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2013	0.43	0.00828
C-21286-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2013	1.48	0.02852
C-21288-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2013	1.66	0.0322
C-21290-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2013	1.42	0.0276
C-21291-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2013	1.22	0.02392
C-21292-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2013	0.95	0.0184
C-21887-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2013	1.13	0.00552
C-22578-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2013	0.10	0.00644
C-8097-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/17/2013	0.63	0.0368
C-22544-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/18/2013	0.52	0.02392
C-21207-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/19/2013	0.82	0.03404
C-8517-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/19/2013	1.23	0.05428
C-22161-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/20/2013	0.59	0.03312
C-22323-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/20/2013	0.17	0.01012
C-8473-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/21/2013	0.40	0.03036
C-21436-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/23/2013	0.55	0.03312
C-22193-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/23/2013	0.12	0.00552
C-21727-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/24/2013	0.01	0.00276
C-21331-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/25/2013	0.18	0.00828
C-22431-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/25/2013	1.10	0.046
C-8191-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/25/2013	1.61	0.06164
C-21815-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/26/2013	0.25	0.01196
C-22346-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/27/2013	0.36	0.01288
C-8846-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/28/2013	0.20	0.0092
C-21674-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/29/2013	1.64	0.06624
C-8303-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/29/2013	0.26	0.01932
C-8953-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	9/29/2013	0.26	0.01104
C-21374-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/1/2013	0.25	0.0138
C-21710-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/1/2013	0.59	0.0322
C-21474-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/2/2013	0.86	0.03312
C-22164-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/2/2013	4.11	0.16008
C-25291-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/3/2013	0.24	0.01472
C-7641-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/3/2013	0.59	0.0276
C-21980-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/7/2013	0.27	0.01472
C-23436-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/9/2013	0.85	0.02944

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-23443-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/9/2013	1.01	0.06256
C-21258-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/10/2013	0.67	0.02668
C-22627-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/10/2013	0.47	0.02208
C-22661-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/10/2013	0.85	0.01748
C-23274-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/11/2013	0.17	0.00828
C-21431-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/14/2013	0.47	0.02576
C-22143-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/14/2013	1.68	0.03496
C-21368-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/15/2013	0.98	0.01932
C-21425-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/15/2013	0.37	0.02116
C-21824-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/15/2013	1.55	0.06256
C-22350-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/15/2013	0.25	0.0092
C-21249-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/16/2013	1.30	0.02576
C-21252-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/16/2013	0.66	0.02668
C-21367-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/16/2013	2.73	0.05428
C-21589-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/17/2013	0.02	0.00828
C-21590-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/17/2013	0.02	0.00828
C-22819-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/17/2013	0.35	0.01288
C-21350-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/18/2013	0.12	0.00644
C-21682-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/21/2013	0.21	0.01012
C-21701-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/21/2013	0.10	0.00552
C-21747-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/22/2013	0.40	0.01656
C-21879-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/22/2013	0.15	0.0092
C-22271-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/22/2013	0.53	0.03036
C-22273-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/22/2013	1.00	0.03956
C-22322-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/22/2013	0.12	0.00552
C-21415-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/23/2013	0.21	0.01288
C-21554-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/23/2013	0.20	0.01564
C-22669-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/23/2013	0.33	0.01196
C-22670-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/23/2013	0.29	0.0184
C-22629-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/24/2013	1.70	0.07912
C-22810-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/24/2013	0.46	0.0276
C-21215-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/25/2013	0.50	0.02024
C-21216-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/25/2013	0.77	0.03128
C-21236-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/25/2013	0.79	0.01564
C-21300-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/25/2013	0.57	0.023
C-21620-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/25/2013	0.15	0.00828

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-21833-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/25/2013	0.05	0.00276
C-22621-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/26/2013	0.37	0.02944
C-22622-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/26/2013	0.37	0.02944
C-22623-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/26/2013	0.37	0.02944
C-21441-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/28/2013	0.40	0.023
C-22619-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/28/2013	0.37	0.02944
C-22620-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/28/2013	0.37	0.02944
C-23314-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/28/2013	0.45	0.0184
C-22802-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/30/2013	1.03	0.04784
C-21628-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/31/2013	0.22	0.01196
C-21631-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/31/2013	0.22	0.01196
C-21891-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/31/2013	1.36	0.0276
C-22610-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/31/2013	1.11	0.02208
C-22813-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/31/2013	0.12	0.0046
C-8827-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/31/2013	0.27	0.02116
C-8828-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	10/31/2013	0.88	0.03956
C-23363-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/5/2013	0.16	0.0092
C-22158-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/7/2013	0.16	0.01196
C-21679-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/8/2013	2.43	0.04784
C-21909-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/8/2013	0.54	0.05152
C-22795-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/11/2013	0.14	0.0138
C-22314-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/12/2013	1.53	0.03036
C-22798-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/12/2013	0.88	0.04876
C-22073-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/14/2013	1.46	0.05704
C-22434-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/14/2013	0.46	0.02116
C-21987-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/15/2013	1.55	0.01012
C-21672-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/18/2013	1.64	0.06624
C-21192-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/19/2013	0.10	0.00644
C-21748-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/20/2013	0.23	0.01288
C-22939-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/21/2013	1.10	0.06164
C-21675-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/22/2013	1.67	0.06624
C-21882-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/22/2013	0.46	0.02852
C-22606-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/22/2013	0.50	0.0598
C-21355-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/25/2013	0.35	0.01656
C-21353-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/27/2013	0.64	0.0368
C-21371-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/27/2013	0.22	0.0092

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-21375-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/27/2013	1.24	0.04508
C-22103-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/27/2013	0.57	0.04232
C-22105-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/27/2013	0.52	0.02852
C-22141-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/27/2013	0.77	0.01564
C-23449-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	11/27/2013	0.06	0.00276
C-22947-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/2/2013	0.59	0.0322
C-23248-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/5/2013	0.61	0.03496
C-21235-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/6/2013	0.79	0.01564
C-21693-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/6/2013	0.48	0.02392
C-21595-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/9/2013	0.67	0.02668
C-21995-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/10/2013	1.18	0.0552
C-22420-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/10/2013	1.10	0.06348
C-22142-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/11/2013	0.67	0.0138
C-22179-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/11/2013	0.69	0.03956
C-22182-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/11/2013	0.25	0.023
C-23313-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/11/2013	1.68	0.06808
C-23315-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/11/2013	0.20	0.01196
C-23383-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/11/2013	0.13	0.00644
C-23447-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/11/2013	0.40	0.01932
C-21817-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/12/2013	0.31	0.01748
C-21683-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/13/2013	0.51	0.03036
C-21684-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/13/2013	0.80	0.04876
C-22055-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/17/2013	0.00	0.00184
C-22058-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/17/2013	0.00	0.00184
C-22060-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/17/2013	0.00	0.00184
C-22062-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/17/2013	0.01	0.00184
C-22066-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/17/2013	0.04	0.00736
C-22068-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/17/2013	0.01	0.00184
C-22069-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/17/2013	0.01	0.00184
C-21721-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/18/2013	0.24	0.0138
C-21974-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/18/2013	0.14	0.0092
C-22767-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/18/2013	0.10	0.01012
C-23191-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/18/2013	0.20	0.02024
C-21607-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/19/2013	0.34	0.01932
C-21896-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/19/2013	0.43	0.02484
C-23271-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/19/2013	0.18	0.00828

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-22003-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/20/2013	0.15	0.00828
C-22005-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/20/2013	0.22	0.00828
C-22945-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/20/2013	0.37	0.01104
C-21898-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/23/2013	0.10	0.00736
C-21899-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/23/2013	0.10	0.00736
C-22159-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/23/2013	0.21	0.01012
C-21734-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/26/2013	0.25	0.02024
C-22156-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/26/2013	0.13	0.01012
C-22654-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/26/2013	0.00	0.00092
C-23153-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/26/2013	0.19	0.01196
C-21382-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/27/2013	0.16	0.0092
C-21686-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/27/2013	0.06	0.0046
C-21762-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/27/2013	0.18	0.01012
C-22048-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/27/2013	0.55	0.02852
C-22052-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/27/2013	0.42	0.0368
C-22492-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/27/2013	0.49	0.01012
C-22495-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/27/2013	0.14	0.00644
C-23527-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/27/2013	0.07	0.00552
C-21413-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/30/2013	0.38	0.02852
C-21414-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/30/2013	0.45	0.02484
C-21737-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/30/2013	0.24	0.01196
C-22031-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/30/2013	0.30	0.01288
C-23475-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/30/2013	0.07	0.00368
C-21246-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	1.30	0.02576
C-21251-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	1.31	0.02576
C-21376-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	1.07	0.04232
C-21906-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	0.38	0.02852
C-21907-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	0.25	0.01932
C-22498-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	0.25	0.0184
C-22499-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	0.21	0.01196
C-22806-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	0.57	0.023
C-22991-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	0.12	0.0046
C-22992-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	0.15	0.00828
C-23649-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	0.41	0.023
C-9009-A	1	Off-Road	Vehicle Replacement	Agricultural Tractor	10	12/31/2013	0.11	0.0046
N-1101	2	Off-Road	Vehicle Replacement	Almond Sweeper	6	2/17/2009	1.34	0.06

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
N-1101	4	Off-Road	Vehicle Replacement	Bulk Carrier	6	2/17/2009	0.78	0.03
N-1101	6	Off-Road	Vehicle Replacement	Combine	6	2/17/2009	1.08	0.05
N-1101	7	Off-Road	Vehicle Replacement	Forklift	6	2/17/2009	1.34	0.06
N-1101	16	Off-Road	Vehicle Replacement	Forklift	6	2/17/2009	1.19	0.05
C-2262	1	Off-Road	Vehicle Replacement	Forklift	6	2/20/2009	0.57	0.00
C-2100	2	Off-Road	Vehicle Replacement	Forklift	6	2/25/2009	1.42	0.06
C-1898	12	Off-Road	Vehicle Replacement	Hay Hauler	6	3/9/2009	1.19	0.04
C-2100	1	Off-Road	Vehicle Replacement	Swathers	6	3/18/2009	1.87	0.08
C-2100	3	Off-Road	Vehicle Replacement	Swathers	6	3/18/2009	1.32	0.06
C-2100	9	Off-Road	Vehicle Replacement	Tomato Harvester	6	3/18/2009	1.10	0.05
S-1209	3	Off-Road	Vehicle Replacement	Wheel Loader	6	3/18/2009	0.51	0.05
C-2100	7	Off-Road	Vehicle Replacement	Wheel Loader	6	3/25/2009	0.73	0.03
C-2100	8	Off-Road	Vehicle Replacement	Wheel Loader	6	3/25/2009	2.06	0.09
N-1074	1	Off-Road	Vehicle Replacement	Wheel Loader	6	3/31/2009	0.46	0.04
N-1074	2	Off-Road	Vehicle Replacement	Wheel Loader	6	3/31/2009	0.59	-0.01
N-1074	3	Off-Road	Vehicle Replacement	Wheel Loader	6	3/31/2009	0.96	0.00
S-1365	1	Off-Road	Vehicle Replacement	Wheel Loader	6	4/14/2009	0.32	0.00
C-2100	6	Off-Road	Vehicle Replacement	Wheel Loader	6	4/16/2009	1.45	0.06
C-1595-B	1	Off-Road	Vehicle Replacement	Wheel Loader	6	4/30/2009	1.79	0.00
C-2127	1	Off-Road	Vehicle Replacement	Wheel Loader	6	5/9/2009	1.21	0.01
N-1050	2	Off-Road	Vehicle Replacement	Wheel Loader	6	5/30/2009	0.90	0.03
N-1040	1	Off-Road	Vehicle Replacement	Wheel Loader	5	2/4/2010	1.07	0.08
C-2507	1	Off-Road	Vehicle Replacement	Wheel Loader	5	2/10/2010	2.62	0.05
C-2647	1	Off-Road	Vehicle Replacement	Wheel Loader	5	2/24/2010	1.88	0.08
C-2575	1	Off-Road	Vehicle Replacement	Wheel Loader	5	3/10/2010	0.42	0.01
C-2564	1	Off-Road	Vehicle Replacement	Wheel Loader	5	3/15/2010	4.25	0.08
S-1392	5	Off-Road	Vehicle Replacement	Wheel Loader	5	4/19/2010	0.86	0.03
S-1537	1	Off-Road	Vehicle Replacement	Wheel Loader	5	4/20/2010	1.29	0.06
C-2342	1	Off-Road	Vehicle Replacement	Wheel Loader	5	4/26/2010	1.34	0.01
S-1599-A	1	Off-Road	Vehicle Replacement	Wheel Loader	5	7/15/2010	1.68	0.06
C-3272-A	1	Off-Road	Vehicle Replacement	Wheel Loader	5	7/26/2010	0.36	0.06
C-19162-A	1	Off-Road	Vehicle Replacement	Wheel Loader	5	6/7/2012	0.41	0.01
C-20022-A	2	Off-Road	Vehicle Replacement	Wheel Loader	5	11/28/2012	0.17	0.02
C-19509-A	3	Off-Road	Vehicle Replacement	Wheel Loader	4	7/12/2012	0.72	0.02
C-21483-A	1	Off-Road	Vehicle Replacement	Wheel Loader	4	12/26/2012	1.58	0.04
C-18846-A	14	Off-Road	Vehicle Replacement	Wheel Loader	3	7/24/2012	1.09	0.02

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Project Identification	Unit Number	Component	Component Option	Primary Function	Project Life (years)	Implementation Date	2014 NOx Adjusted Percent Operation (ton/year)	2014 PM2.5 Adjusted Percent Operation (tons/year)
C-19509-A	1	Off-Road	Vehicle Replacement	Wheel Loader	3	7/26/2012	0.46	0.01
C-18846-A	12	Off-Road	Vehicle Replacement	Wheel Loader	3	7/31/2012	1.09	0.02
C-18846-A	13	Off-Road	Vehicle Replacement	Wheel Loader	3	8/10/2012	1.09	0.02
C-19509-A	4	Off-Road	Vehicle Replacement	Wheel Loader	3	10/19/2012	0.57	0.02
C-18846-A	10	Off-Road	Vehicle Replacement	Wheel Loader	3	11/5/2012	1.09	0.02
C-18846-A	9	Off-Road	Vehicle Replacement	Wheel Loader	3	1/31/2013	1.09	0.02
C-18846-A	11	Off-Road	Vehicle Replacement	Wheel Loader	3	2/27/2013	1.09	0.02
C-19509-A	5	Off-Road	Vehicle Replacement	Wheel Loader	2	1/30/2013	0.81	0.02
C-15883-A	1	Off-Road	Vehicle Replacement	Wheel Loader	2	10/25/2013	0.22	0.01
Subtotal in Tons per Day							1.06	0.04
TOTAL in Tons per Day							1.76	0.07