		Executive Order: A-413-0046
California Environmental Protection Agency	VOLKSWAGEN GROUP	New Passenger Cars, Light-Duty Trucks and
Ala Deserves Deserves	OF AMERICA, INC.	Medium-Duty Vehicles
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Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: The following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

							TEST GRO		FOR	MATION					
MOD YEA		TEST G	ROUP	VEHICLE CLASS(ES)				S)		FUEL CATEGORY			FUEL TYPE		
201	.6	GVGAJ02	2.0AUF			LD	r2, PC		FLEX-FUEL VEHICLE (FFV)			85%	85% ETHANOL, GASOLINE		
	USEF	UL LIFE	(miles)			/EHIC	LE EMISS	ON C	CATE	GORY	IN	ITERIM / IN	TERMI	EDIAT	TE IN-USE STD
EX	H/ORV	R	EVAP			F٦	ſP		SF	TP		FTP			SFTP
1	L20000		150000	þ	I	LEV2	ULEV	I		SFTP DARD		*			*
SP	ECIAL	FEATUR		HAUS STEMS		SION		-		OBD S	ΤΑΤΙ	SL	EN	GINE	DISPLACEMENT (L)
1	TW	C, WR-1	HO2S, H	02S, 1	DFI,	TC,	CAC, FFS			FULL	AL	L MODELS			
*				*					F	PARTIAL		*		2.0	
*				*					PAF	RTIAL WITH		*			
			E	VAPOF	RATIVE	E & R	EFUELING	(EVA	P/OF	RVR) FAMIL	Y INF	ORMATION	I		
EV	AP / OF	RVR FAN	AILY	EVAF	PORAT	IVE \$	STD CATE	GORY	RY EVAP EMISSION STD VEHICLE CLASS			SP	SPECIAL FEATURES		
	GVGAR	0140AA1	L			LEV	7 2		PC *				*		
						EN	AISSION CH	REDI		ORMATION					
		ALLOW	ANCE F	OR TE	ST GR	OUP						OPTIONAL EXH. STD FOR WORK			
BAS	SELINE	PZEV	TA I	PZEV			TZEV	INC	JN-P4	LEV ZERU-E	VAP		JK		TRUCKS
	*			*			*			N]	N N		
					NĪV	IOG A	ND FLEET	AVE	RAG	E INFORMA	TION	1			
NMO	G RAF	CH4 RA			NMOG/NMHC O (GASOLINE) (GASOL				PC+ED1 (0-3750 EV		750 LVW)	V) LDT (3		NOX FLEET STD 3751 LVW-8500) + MDPV (g/mi)	
1	.00	*		1.	04			*			0.0	93			0.110

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

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BE IT FURTHER RESOLVED:

The exhaust and evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50° Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's NMOG+NOx and greenhouse gas Fleet Average (PC or LDT or MDPV) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

BE IT FURTHER RESOLVED:

For the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California 2015 and Subsequent Model Criteria Pollutant Exhaust Emission Standards and Test Procedures and 2017 and Subsequent Model Greenhouse Gas Exhaust Emission Standards and Test Procedures for PC, LDT and MDV).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this ______ day of July 2015.

TK Ánnette Hebert, Chief Emissions Compliance, Automotive Regulations and Science Division California Environmental Protection Agency

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FUEL TYPE

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ATTACHMENT

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS (FTP, HWFET, 50°F, 20°F)

CH4: methane; NMOG: non-CH4 organic gas; HC: hydrocarbon; NMHC: non-CH4 HC; CO: carbon monoxide; NOx: oxides of nitrogen; HCHO: formaldehyde; PM: particulate matter; RAF: reactivity adjustment factor; 2DHS/3DHS [g HC/test]: 2/3 days diurnal+hot-soak; RL [g HC/mi]: running loss; ORVR [g HC/gallon dispensed]: on-board refueling vapor recovery; g: gram; mg: milligram; mi: mile; K: 1000 miles; F: degrees Fahrenheit; FTP: federal test procedure; SFTP: supplemental FTP

ANA AND AND A													
			NMOG (g/mi)		CO (g/mi)			NOx (g/mi)		HCHO (mg/mi)		PM /mi)	
			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
FTP@50K	(GAS) TI	5-EPA OLINE - ER 2 EADED)	0.0311 (0.0291)	0.040 (0.075)	0.27 (0.77)	1.7 (1.7)	0.030 (0.041)	0.05	3.9 (0.9)	8 (8)	* (*)	* (*)	
FTP@UL	(GAS) TI	5-EPA OLINE - CER 2 EADED)	0.0452 (0.0373)	0.055 (0.090)	0.41 (1.19)	2.1 (2.1)	0.033 (0.063)	0.07 (0.07)	4.0 (1.1)	11 (11)	0.000	0.01 (0.01)	
50°F @4K	E8.	5-EPA	0.0652	0.080	0.22	1.7	0.019	0.05	0.9	16			
								NOx (g/mi)			CO (g/mi)		
	1			UEL TYP	E		CE	RT	STD CER				
HWFET @ 50K (GASOLINE - TIER 2 UNL					UNLEADED)		0.005 (0.018)		0.07 (0.07)				
HWFET @ UL		E85-EPA (GASOLINE - TIER 2 UNLEADED)						0.008 (0.034)		et est			
20°F @ 5	OK	GZ	ASOLINE-C	OLD CO H	HIGH OCT.	ANE			Print Print	1.1	.7	10.0	

SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

			US06			SC03	1	COMPOSITE			
	FUEL TYPE		NMHC+NOx (g/mi)	CO (g/mi)	PM (mg/mi)	NMHC+NOx (g/mi)	CO (g/mi)	NMHC+NOx (g/mi)	CO (g/mi)	PM (mg/mi	
	GASOLINE	CERT	0.039	0.71		0.029	0.68	and the second sec			
@ 4K	- TIER 2 UNLEADED	STD	0.14	8.0		0.20	2.7				
		CERT	*	*	*	*	*	*	*	*	
@ UL	*	STD	*	*	*	*	*	*	*	*	
	1.000	BIN		S				*		a - 1	

WHOLE VEHICLE EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

			WH	IOLE V								
EVAPORATIVE	FUEL TYPE	3	DHS (g	/test) @	UL	2DI	HS (g/test)	@ UL		RL (g/mi) @ UL		
		CEF	RT S	TD	FEL	CERT	STD	FEL	CE	RT	STD	
GVGAR0140AA1	E10-EPA	0.3	28 0	.50	*	0.390	0.65	*	0.0	010	0.05	
ORVR / FUI	EL ONLY / CA	NISTER	BLEED	EVAP	ORATIVE	EMISSION	STANDA	RDS AND	CERTIFIC	ATION LEV	ELS	
						FUEL C	ONLY EVA	P & CANIS	TER BLEE	D		
EVAPORATIVE	ORVR (g/gallon) @ UL			FUEL TYPE			IG TEST) @ UL		IG TEST)@UL		LEED CANISTER EST (g/test) @ 4K	
	FUEL TYPE	CERT	STD			CERT	STD	CERT	STD	CERT	STD	
GVGAR0140AA1	E10-EPA	0.016	0.20		*	*	*	*	*	*	*	

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vehicle weight rating; LVW: loaded vehicle weight; Al super ULEV; ZEV: zero-emission vehicle; PZEV: par TWC/OC: 3-way/oxidizing catalyst; ADSTWC: adsort adsorption catalyst; SCR-U or SCRC/SCR-N or SCR oxidation catalyst; CTOX/PTOX: continuous/periodic ignited engine; HO2S/O2S: heated/oxygen sensor; V sensor; PMS: PM sensor; RDQS: reductant quality so cooler; AIR/AIRE: secondary air injection (belt driven	01-8500#GVWR,3751-5750 DV 8501-10000#GVWR; MI m; CERT: certification; STE LVW: adjusted LVW; LEV: I tial ZEV; AT PZEV: advanc oing TWC; HAC: HC adsort C-NH3: selective catalytic r trap oxidizer; DPF: diesel p VR-HO2S or AFS: wide ran ensor; NH3S: ammonia ser)/(electric driven); PAIR: pu per charger; CAC: charge a	#ALVW; LDT4: LDT 6001-8500#GVWR,5751- DV5: MDV 10001-14000#GVWR; MDPV: medium- D: standard; FEL: family emission limit; GVWR: gross ow emission vehicle; ULEV: ultra LEV; SULEV: ed technology PZEV; TZEV: transitional ZEV; bing catalyst; WU: warm-up catalyst; NAC: NOx reduction-urea/ammonia; NH3OC: ammonia particulate filter (active); GPF: PM filter for spark- ge/linear/heated air-fuel ratio sensor; NOXS: NOx nsor; EGR: exhaust gas recirculation; EGRC: EGR Ised AIR; SFI/MFI: sequential/multiport fuel injection; ir cooler; F/P/\$: full/partial/partial with fines on-board

diagnostic; DOR: direct ozone reducing; HCT: hydrocarbon trap; BCAN: bleed carbon canister; prefix 2: parallel; (2) suffix: series; CNG/LNG: compressed/liquefied natural gas; LPG: liquefied petroleum gas; E85: "85%" ethanol ("15%"gasoline) fuel; E10: "10%" ethanol ("90%"gasoline) fuel; A: automatic (with lockup); M: manual transmission; SA: semi-automatic transmission; CV: continuously variable transmission; SCV: selectable continuously variable transmission; AM: automated manual transmission; AMS: automated manual-selectable transmission; OT: other transmission

2016 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD	PZEV TYPE
AUDI	A4 QUATTRO	PC	2.0	SA8	GVGAR0140AA1	1	F	*
AUDI	A5 CABRIOLET QUATTRO	PC	2.0	SA8	GVGAR0140AA1	1	F	*
AUDI	A5 QUATTRO	PC	2.0	SA8	GVGAR0140AA1	1	F	*
AUDI	ALLROAD QUATTRO	PC	2.0	SA8	GVGAR0140AA1	1	F	*
AUDI	Q5	LDT2	2.0	SA8	GVGAR0140AA1	1	F	*