ARB's CNG and Diesel Bus Emissions Project 1/6/03

	Title	Status	Reference	Authorship
1	Diesel and CNG Heavy-duty Transit Bus Emissions over Multiple Driving Schedules: Regualted Pollutants and Project Overview	Published	SAE Tech. Paper 2002-01-1722	Ayala, Kado, Okamoto, Holmen, Kuzmicky, Kobayashi, and Stiglitz
2	Ultrafine PM Emissions from Natural Gas, Oxidation-Catalyst Diesel, and Particle-Trap Diesel Heavy Duty Transit Buses	Published	Environ. Sci. Technol. 2002, 36, 5041-5050	Holmen and Ayala
3	Chemical and Bioassay Analysis of Toxic Pollutant Emissions from Compressed Natural Gas and Low Sulfur Diesel-Fueled Heavy-Duty Transient Buses: Tests Over Multiple Duty Cycles	In preparation	Intended for Environ. Sci. Technol.	Kado, Okamoto, Ayala, Kuzmicky, Kobayashi, Gebel, Rieger, Maddox, and Zafonte
4	Characteristics and Size Fractions of Particulate Matter Emissions from Two Heavy-duty CNG and Diesel Transit Buses	In preparation	Intended for Environ. Sci. Technol.	Okamoto, Ayala, Kado, Kuzmicky, and Kobayashi
5	Oxidation Catalyst Effect on CNG Transit Bus Emissions	In review	SAE May 2003	Ayala, Gebel, Okamoto, Rieger, Kado, Cotter, and Verma
6	Comparison of Particle Size Distributions for Diesel and CNG Transit Buses with Aftertreatment	In review	SAE May 2003	Ayala and Holmen
7	Effects of a Continuously Regenerating Trap (CRT) on a Diesel Transit Bus Opering in Idle Mode	In preparaion	TBD	Okamoto, Kado, Ayala, Kuzmicky, and Kobayashi
8	Comparion of Toxic Emission from New Model Compressed Natural Gas Fueled Heavy-duty Transit Buses Configured with and without Oxidation Catalyst	In preparation	TBD	Kado, Okamoto, Ayala, Kuzmicky, and Kobayashi
9	Impact of NO2/NO Split in NOx Emissions From Diesel Sources Equipped with Catalyzed Particulate Traps	In preparation	Inteded for Environ. Sci. Technol.	Croes, Dabdub, DaMassa, Ayala, Servin, and Drechsler
10	The Effect of Oxidation Catalyst on the Emission of Ultrafine PM CNG Transit Buses	In preparation	TBD	Ayala and Holmen