

Kansas City PM Characterization Study

Final Report

Appendix U

Round 2 Driveway

Quality Control

Assessment and Standards Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

Sponsors:

National Renewable Energy Laboratory, U.S. Department of Energy
Federal Highway Administration, U.S. Department of Transportation
STAPPA-ALAPCO Emission Inventory Improvement Program
Coordinating Research Council Inc. (Project No. E-69)

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Agency

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CTR_TST_ID	Disp	Disp Bin	Make	Model	Model Year	Date	Missing data	Flow Flag	Dilution Flag	Exh Temp Flag	Ambient Temp Flag	Suspect Data	Data Review Comments
D_KS2_618_1	4.9	4.1 to 5.0	BUICK	LASABRE	1979		x					x	Test record has missing or invalid data
D_KS2_677_1	3.4	3.1 to 3.5	PONTIAC	MONTANA	2003	2/11/2005							
D_KS2_679_1	4	3.5 to 4.0	FORD	RANGER	1998	2/12/2005							
D_KS2_689_1	5	4.1 to 5.0	LINCOLN	TOWN CAR	1988	2/15/2005			x				Suspect dilution: Avg CO + CO2 = 11.0%
D_KS2_689_2	5	4.1 to 5.0	LINCOLN	TOWN CAR	1988	2/15/2005							
D_KS2_698_1	3.3	3.1 to 3.5	CHRYSLER	TOWN & CO	2001	2/17/2005							
D_KS2_698_2	3.3	3.1 to 3.5	CHRYSLER	TOWN & CO	2001	2/17/2005			x			x	Suspect dilution: Avg CO + CO2 = 2.4%
D_KS2_703_1	5	4.1 to 5.0	FORD	COUNTRY S	1986	2/17/2005			x				Suspect dilution: Avg CO + CO2 = 9.9%
D_KS2_704_1	4.9	4.1 to 5.0	CADILLAC	SEDAN DEV	1992	2/18/2005							
D_KS2_705_1	3.7	3.5 to 4.0	DODGE	DAKOTA	2004	2/18/2005							
D_KS2_711_1	2.3	2.1 to 2.5	MERCURY	TOPAZ	1994	2/19/2005							
D_KS2_722_1	2.9	2.6 to 3.0	VOLVO	960	1993	2/21/2005				x			Avg exhaust temp (440C) is 70% higherer than similar displacement vehicles
D_KS2_723_1	2.3	2.1 to 2.5	FORD	TEMPO	1993	2/21/2005							
D_KS2_724_1	4.3	4.1 to 5.0	CHEVROLET	BLAZER	1996	2/21/2005							
D_KS2_726_1	4.3	4.1 to 5.0	CHEVROLET	S-10 LS	1995	2/22/2005							
D_KS2_729_1	3.8	3.5 to 4.0	CHRYSLER	TOWN & CO	1996	2/22/2005							
D_KS2_730_1	3	2.6 to 3.0	FORD	RANGER	1994	2/23/2005			x				Suspect dilution: Avg CO + CO2 = 9.3%
D_KS2_730_2	3	2.6 to 3.0	FORD	RANGER	1994	2/23/2005							
D_KS2_734_1	3	2.6 to 3.0	PLYMOUTH	VOYAGER	1993	2/23/2005							
D_KS2_735_1	3.3	3.1 to 3.5	DODGE	CARAVAN S	1995	2/23/2005							
D_KS2_739_1	3	2.6 to 3.0	FORD	TAURUS	1993	2/24/2005							
D_KS2_739_2	3	2.6 to 3.0	FORD	TAURUS	1993	2/24/2005				x			Avg exhaust temp (120C) is 60% lower than similar displacement vehicles
D_KS2_745_1	5.4	5.1 to 6.0	FORD	ECONOLINE	2001	2/25/2005							
D_KS2_753_1	2	1.6 to 2.0	FORD	WINDSTAR	1998	2/26/2005							
D_KS2_759_1	4	3.5 to 4.0	JEEP	CHEROKEE	1988	2/28/2005							
D_KS2_760_1	1.5	0 to 1.6	MAZDA	PROTÉGÉ	1998	2/28/2005							
D_KS2_764_1	3.1	3.1 to 3.5	BUICK	SKYLARK	1998	3/1/2005							
D_KS2_766_1	5.2	5.1 to 6.0	JEEP	GRAND CHE	1993	3/1/2005							
D_KS2_769_1	1.8	1.6 to 2.0	HONDA	CIVIC	1999	3/2/2005			x				Suspect dilution: Avg CO + CO2 = 9.1%
D_KS2_770_1	2.5	2.1 to 2.5	TOYOTA	CAMRY	1989	3/5/2005							
D_KS2_773_1	4.9	4.1 to 5.0	FORD	E-150	1991	3/3/2005							

CTR_TST_ID	Disp	Disp Bin	Make	Model	Model Year	Date	Missing data	Flow Flag	Dilution Flag	Exh Temp Flag	Ambient Temp Flag	Suspect Data	Data Review Comments
D_KS2_774_1	3	2.6 to 3.0	NISSAN	QUEST	1996	3/5/2005							
D_KS2_783_1	2.5	2.1 to 2.5	PLYMOUTH	VOYAGER	1992	3/7/2005							
D_KS2_786_1	4.9	4.1 to 5.0	FORD	ECONOLINE	1996	3/8/2005			x				Suspect dilution: Avg CO + CO2 = 10.4%
D_KS2_788_1	2.5	2.1 to 2.5	PLYMOUTH	ACCLAIM	1989	3/8/2005							
D_KS2_791_1	2.2	2.1 to 2.5	TOYOTA	CAMRY	1999	3/8/2005			x				Suspect dilution: Avg CO + CO2 = 9.8%
D_KS2_792_1	4.2	4.1 to 5.0	CHEVROLET	TRAIL BLAZI	2002	3/9/2005				x			Avg exhaust temp (430C) is 50% higher than similar displacement vehicles
D_KS2_795_1	5	4.1 to 5.0	FORD	CROWN VIC	1989	3/10/2005							
D_KS2_801_1	3	2.6 to 3.0	PLYMOUTH	VOYAGER S	1988	3/10/2005							
D_KS2_805_1	2.2	2.1 to 2.5	CHEVROLET	CAVALIER	1995	3/11/2005							
D_KS2_808_1	4	3.5 to 4.0	FORD	EXPLORER	1994	3/11/2005							
D_KS2_813_1	2	1.6 to 2.0	HONDA	ACCORD LX	1988	3/13/2005							
D_KS2_818_1	3.1	3.1 to 3.5	CHEVROLET	LUMINA APV	1990	3/14/2005							erroneous aux temp (not a data issue)
D_KS2_820_1	3.8	3.5 to 4.0	BUICK	PARK AVEN	1990	3/16/2005							
D_KS2_824_1	4.3	4.1 to 5.0	CHEVROLET	ASTROVAN	1989	3/15/2005							
D_KS2_825_1	3	2.6 to 3.0	DODGE	CARAVAN S	1988	3/16/2005							
D_KS2_830_1	2	1.6 to 2.0	CHEVROLET	CORSICA	1989	3/17/2005							
D_KS2_835_1	2.5	2.1 to 2.5	DODGE	SPIRIT	1990	3/17/2005							
D_KS2_836_1	2	1.6 to 2.0	HONDA	ACCORD	1988	3/31/2005							
D_KS2_847_1	5.7	5.1 to 6.0	GMC	1500 SLE SII	1988	3/18/2005							
D_KS2_859_1	2.8	2.6 to 3.0	BUICK	CENTURY	1988	3/21/2005							
D_KS2_904_1	2.5	2.1 to 2.5	SUBARU	FORESTER	2001	3/28/2005				x			Avg exhaust temp (400C) is 50% higher than similar displacement vehicles
D_KS2_910_1	5.7	5.1 to 6.0	PONTIAC	GRAND PRI	1976	3/30/2005							
D_KS2_913_1	3.8	3.5 to 4.0	BUICK	LESABRE	1990	3/31/2005							