State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-165 Relating to Certification of New Motor Vehicles

MERCEDES-BENZ AG

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1998 model-year Mercedes-Benz AG exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: WMBXV02.3GSU Displacement: 2.3 Liters (140 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Dual Three Way Catalytic Converters Heated Oxygen Sensors (two) Secondary Air Injection Supercharger Charge Air Cooler Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	Monoxide (20°F)
50,000	0.2 5	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	_Oxides	Monoxide (20°F)
50,000	0.06	1.0	0.1	3.1
100,000	0.06	1.1	0.1	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty vehicles and Engines").

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 144

day of January 1997.

R. B. Summerffeld, Chief

Mobile Source Operations Division

E.O. # A-3-165

1998 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Merc	edes-Be	nz AG	Ex	h. Eng Fami	ily: WME	XV02.3G	SU Ev	ap. Eng F	amily: W	MBXV0115	MNY
All Eng Codes in Eng	g Fam:	CA		49S	50\$	Х	ABS	65	· -		•
Exh Std:		CA 1	lier-1)	TLEV	LEV	ULE	EV	ZEV	- US F	PA Tier-1	Y
Evap Std:		50k _	Us	seful Life wit	h R/L X	In-Use	Exh Std:	Full In	_ Ju Usa X	Alt In Use	,
Veh Class(es): P	C <u> </u>	LDT	1	LDT2	_ MDV1	MD\	/2	MDV3	MDV4	MDV	, —— '5
Single Cert Std for M	lulti-Clas	s Eng l	Fam: _	N/A	(specify	/: N/A,	LDT1.	MDV1.	MDV2.	MDV3.	MDV4
Fuel Type(s): D	edicated		_ Flex-	Fuel	Dual-Fi	iel	Bi-Fue	l Gas	soline X	Diese	101 2 0 1,
Ċ	NG		LNG		LPG _	M85		Other	(specify)	. 2,000	
Emiss Test Fuel(s):	Indo	<u> </u>	Ph2	CNC	3 L	PG	M85	Other	(specify)		
	Dies	sel: 13	CCR 2	2282		40 C	FR 86.1	3-90	40 CFI	R 86.113-94	Į.
Service Accum:	Std	AMA _	X	Mod AMA	i,	Afr ADP		Other	_ (specify)		
NMOG 1851 Procedu	re: N/A	<u>X</u>	Std	Equi	iv_ P	VL Test Pr	OC.	SHED	X I	Pt Source	
Hybrid: Type A	B	_c_		APU Cycle	(e. g., O	to, Diesel	, Turbine) —		-	
Engine Configuration	i: <u>L-4</u>		Displ	acement:	2.3		Liters	140		Cubic	Inches
Valves per Cylinder:	4				F	lated HP:	185	/ 5300			RPM
Engine: Front_X	Mid		Rear		0	rive: FW	D1	RWD X	4WD-F	T 4WD	•PT
Exhaust ECS (eg., M	IFI, EGF	R, TC,	CAC):	SFI / SC	CAC / A	IR / HO29	(2) / 2T\	NC / OBD	- - 11		
						ise abbre				291)	

Engine Code (also list CA/49ST/50ST)	Vehicle Models (If coded see attachment)	Trans. Type A-automatic M-manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M 111SC	SLK 230	A 5	3 375	5.8	022 545 26 32 or 023 545 22 32		210 490 12 14 or 210 490 13 14
,							