## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-30-114 Relating to Certification of New Motor Vehicles

## AUDI 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 1997 model-year Audi AG exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: VAD1.8VJGKEM <u>Displacement</u>: 1.8 Liters (109 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Sequential Multiport Fuel Injection Three Way Catalytic Converter Heated Oxygen Sensors (Two)

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

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

<u>Miles</u>	Non-Methane Organic Gas	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>	Carbon Monoxide (20°F)
50,000	0.125	3.4	0.4	0.015	10.0
100,000	0.156	4.2	0.6	0.018	n/a

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

Miles	Non-Methane Organic Gas	Carbon <u>Monoxide</u>	Nitrogen Oxides	<u>Formaldehyde</u>	Carbon Monoxide (20°F)
50,000	0.070	0.6	0.04	0.001	3.8
100,000	0.076	0.6	0.05	0.001	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 vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit 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 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 the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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 33 day of September 1996.

R. B. Summerfield

Assistant Division Chief Mobile Source Division

## PAGE NO. 16.SS. -01 E.O.# A-30-1/4 1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 1 of 1 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDUM-DUTY VEHICLES

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	AUDI AG						VADITOODIEEV	
	s in Eng Fam:							
Exh Std: CA	Tier-1 TLE	v <u>x</u>	LEV	U	LEVZEV	; US:	EPA Tier-I X	
Evap Std: 50K Useful Life with R/L X In-use Exh Std: Full In Use X Alt In Use Veh Class(es): PC_X LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5								
Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)								
Fuel Type(s):	Dedicated X							
	CNG LNG LPG M85 Other (specify)							
Emiss Test Fu	uel(s): Indo <u>X</u>							
	Diesel:	13 CCR	2282	_ 4	0 CFR 86.113-	90 40 C	FR 86.113-94	
Service Accum	n: Std AMA X	Mod Al	4A	Mfr A	DP Other	(specify)		
NMOG Test Pro	ocedure: N/A_	Std_X	Eq	uiv	R/L Test	Proc: SHED	Pt Source X	
Hybrid: Type	A B C ,	APU C	— ycle (e	.g., C	tto, Diesel,	Turbine)		
	g. <u>L4 Turbo</u>							
	ylinder: 5	_			Rated HP	: 150 @	3700RPM	
	nt X Mid.	Rear		Drive:	FWD X RW	D 4WD-FT	X 4WD-PT_	
	(eg., EGR, MFI,				SFI / TWC / H	:02S ( <b>1</b> )		
THE HALL TOO	(091, 201, 1)			(1	se abbreviati	ons per SAE 1	930 SEP91)	
		Im	100 Feb.	מת ד	Ignition	EGR	Catalytic	
	Vehicles Models (if codded see		or			System	Converter	
		A-auto	ı	RLHP	Part No.	Part No.	Part No.	
		M-man.	WT					
AEB WE	A4	L5	3250	5.7	8D0 907 557 N	n.a.	8D0 131 702 BC	
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Date Issued:	07-02-96							

Revisions: