## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-30-128 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 2000 model-year Audi AG exhaust emission control systems are certified as described below for passenger cars:

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

<u>Fuel Type (Certification Fuel)</u>: Gasoline (Indolene)

Engine Family: YADXVO2.7339 Displacement: 2.7 Liters (163 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

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

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 <u>Organic Gas</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000	0.125	3.4	0.4	0.015	10.0
100,000	0.156	4.2		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 <u>Oxides</u>	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000 100,000	0.080 0.095	0.5	0.2	0.003	1.0 n/a

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 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 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 "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Models Motor Vehicles," Title 13, California Code of Regulations, Section 1978, 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 listed models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

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 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 16 day of September 1999.

R. B. Summerfield, Chief

Mobile Source Operations Division

## PAGE NO. 16.SS. -01 E.O.# A-30-128 2000 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 1 of 1 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDUM-DUTY VEHICLES

Manufacturer	: AUDI AG		Exh Er	ng Fam	: <u>YADXV02.73</u>	39 Evap Fam:	YADXR0140232
All Engine Co	odes in Engine B	amily:	CA	495_	50S <u>X</u> A	3965 ORVR:	Yes X No
Exh Std: CA	Tier-l TLE	.vx	LEV_	1	ULEV SUI	LEV; US	EPA THE 1_X
	): PC <u>X</u> LDT1_						
Single Cert S	Std for Multi-Cl	ass Eng	Fam: N	<u> </u>	pecify: N/A, I	LDT1, MDV1, MD	V2, MDV3, MDV4)
Fuel Type(s)	: Dedicated_X_	Flex-Fu	el	Dual-	Fuel Bi-Fue	el Gasolin	e <u>X</u> Diesel
	CNGLNG	LPG_	_ M85_	Oti	ner (specify)_		·
Exh Emiss Tes	st Fuel(s): Inc	lo <u>X</u> CB	GCN	₹G 1	LPG M85	Other (specif	у)
	Die	sel: 13	CCR 22	282	40 CFR 86.11	.3-90 40 C	FR 86.113-94
Evaporative B	Emission Test Pr	ocedure	: Cali	formia	a Federal	. <u>X</u>	2
Service Accur	n: Std AMA	Mod A	MA	Mfr A	ADP <u>X</u> Other	(specify)	
NMOG Test Pro	ocedure: N/A	Std_X	Eq	niv	R/L Test	Proc: SHED	Pt Source X
Engine Config	g. <u>V6 Turbo</u>	Displace	ement:	2	2.7 Liter	s <u>163</u>	Cubic Inches
Valves per Cy	/linder:5_				Rated HE	250 @	5800 RPM
Engine: From	nt X Mid	Rear		Drive:	FWD RW	D 4WD-FT	X 4WD-PT_
Exhaust ECS	(e.g., MFI, EGR,	TC, CAG	C, etc.	) <u>SF</u>	/ 2TWC(2) /	2HO2S(2) / AI	R / 2CAC / 2TC
				(1	ıse abbreviati	ons per SAE 1	930 <sub>,</sub> JUN93)
Engine Code	Vehicles Models	Trans.	ETW	DPA	Ignition	EGR	Catalytic
(also list	(if codded see	Type	or	or	(ECM/PCM) Part No.	System	Converter
CA/49ST/50ST)	attachment)	(M5, A4 ect.)	Test WT	RLHP	Part No.	Part No.	Part No. left / right
APB BK	Audi S4	A5q	4000	7.8	8D0 907 551 B	n.a.	8D0 253 095 ET / 8D0 253 096 CL
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Date Issued: 06-24-99 Revisions: