

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER M-6-1  
Relating to Certification of New Motor Vehicles

BMW AG, SPARTE MOTORRAD

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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 model-year BMW AG, Sparte Motorrad exhaust emission control systems are certified as described below for four stroke gasoline-powered motorcycles:

<u>Engine Family</u>	<u>Displacement Cubic Centimeters</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
CBM098042A4	980 798 650	Engine Modification Air Injection - Valve

Vehicle Models and Transmissions as listed on attachment.

The following are the certification emission values for this engine family:

<u>Displacement Class</u>	<u>Hydrocarbons Grams per Kilometer</u>	<u>Carbon Monoxide Grams per Kilometer</u>
III	2.0	10

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

BE IT FURTHER RESOLVED: That pursuant to Executive Order G-70-16-E, motorcycles are exempt from compliance with the Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks".

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 24th day of November, 1981.

*Bob Cross for*

K. D. Drachand, Chief  
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - MOTORCYCLE

Manufacturer BMW AG, Sparte Motorrad Executive Order M-6-1 Page 1

Engine Family CBM 098042A4

Model	Engine Code	Transmission	EIM	RLP
R65	-	M-5	300	135.4
R65LS	-		300	135.4
R80G/S	-		280	131.1
R100	-		330	143.6
R100CS	-		330	143.6
R100RS	-		330	143.6
R100RT	-		330	143.6

~~143.6~~ 141.6  
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Date Issued:

Revisions:

**STAFF USE ONLY**  
**1982 MODEL-YEAR CERTIFICATION CHECK OFF SHEET**  
**Motorcycle**

E.O. NO. M- 6-1

Manufacturer BMW  
 Gas  Diesel Eng. Code- 9 Calif. 49S  50S  
 Engine Family CBM 098042A4 Cubic Centimeter 7  
 Exh. ECS (Special Features) EM Type I-2

- |  |                     |                               |                        |
|--|---------------------|-------------------------------|------------------------|
| 1 Authorized Representative                | _____               | 10 Projected Sales            | <u>COVER LTR</u>       |
| 2 Fuel, Test Equipment, Procedures & Route | _____               | 11 Vehicle Descript.          | <u>08-01</u>           |
| 3 Warr. State & Parts List                 | <u>17-01, 17-04</u> | 12 Test Veh. Information      | Dur. _____ Emis. _____ |
| 4 Maint: Cert/Req'd/Recm'd                 | _____               | Fleet Approval Exh.           | _____                  |
| 5 Tune-Up Lab./Vac. Hose Diag.             | <u>07-01</u>        | " " Evap.                     | _____                  |
| 6 Evap. Control System                     | _____               | C/O MY or C/A EF              | _____                  |
| 7 Engine Parameters                        | _____               | Zero Mile Books               | _____                  |
| 8 Fuel/Ignition Systems                    | _____               | Vehicle Logs                  | _____                  |
| 9 Exhaust Control System                   | _____               | Maint. Logs & Engr. Eval.     | _____                  |
|  |                     | 13 Evap. Bench Test Procedure | _____                  |

STATEMENTS:

- 1 Gen. Std., Increase in Em., Safety, Mtg. All Req'ments. \_\_\_\_\_
- 2 Prod. Veh. Same as Test Veh. \_\_\_\_\_
- 3 Suitability for 91 RON Fuel \_\_\_\_\_
- 4 Label Durability \_\_\_\_\_
- 5 Driveability \_\_\_\_\_

CALIFORNIA REGULATIONS:

- 1 Fill Pipe/Access Zone \_\_\_\_\_
- 2 Altitude A/F Req'ment \_\_\_\_\_
- 3 Carb. Tamperproof Req'ment \_\_\_\_\_
- 4 Ck for DF, Outlier, Line Xing \_\_\_\_\_
- 5 EPA Certificate mf
- 6 Envelope Attached mf

PROJECTED EMISSIONS(1)

Veh. ID	Code (Displ)	Trans	EIM	RLP	MPG	HC	CO
R100RT	102VX6 (980)	M-5	330	143.6	43.8	1.97 (DF 1.531)	9.90 (1.000)
R80G/S	802VX5 (798)	M-5	280	131.1	43.9	1.19 (DF 1.241)	9.02 (1.087)
R65	652VX4 (650)	M-5	300	135.4	45.2	1.09 (DF 1.436)	10.79 (1.056)
						2.5	
(1) Complies with class <u>III</u> standards of <u>10</u>							<u>12</u>
and includes deterioration factors of						<u>AGOVE</u>	

Remarks \_\_\_\_\_

Application Processed By M. Fleming Date 4/10/81 Reviewed By R.J. Kenny Date 11-20-81