California Environmental Protection Agency AIR RESOURCES BOARD	SUZUKI MOTOR CORPORATION	EXECUTIVE ORDER M-4-263 New On-Road Motorcycles

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 the following 2001 model-year engine and emission control systems (ECS) produced by the manufacturer are certified as described below for four-stroke gasoline-powered motorcycles:

Engine Family	Evaporative Family	Displacement (cm^3)	Class	ECS & Special Features
1SKXC.487VR2	1SKXE0019YR2	487	III	EM

Vehicle Models (Equivalent Inertia Mass): GS500 (290kg)

Production motorcycles shall be in all material respects the same as those for which certification is granted.

The exhaust emission standards and certification values in grams per kilometer for hydrocarbons (HC) and carbon monoxide (CO), and the HC evaporative (Evap) standard and certification value in grams per test for this engine/evaporative family are as follows. The designated HC standard shall be listed on the permanent tune-up label:

	HC	CO	Evap HC
Standard: (Effective Standard)	1.0	12	2.0 (1.8)
Designated Standard:	0.9	n/a	n/a
Certification:	0.7	6	0.8

BE IT FURTHER RESOLVED: That the designated HC standard shall be the exhaust limit for this engine family and cannot be changed during the model-year. It represents the HC exhaust emission standard applicable to this engine family for determining compliance with Title 13, California Code of Regulations, Sections 1958 (b) and 2101.

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 Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That because the listed motorcycles are certified to 0.2 grams per test or more below the applicable evaporative emission standard, the vehicles are exempt from complying with the Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" pursuant to Executive Order G-70-16-E.

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

Executed at El Monte, California this 8th day of January 2001.

R. B. Summerfield, Chief
Mobile Source Operations Division

E.O. No. M-4-263

CLASS III MOTORCYCLE
2001 MODEL-YEAR CERTIFICATION REVIEW SHEET

0.14

Manufacturer: **SUZUKI MOTOR CORPORATION**

Engine Family: **1SKXC.487VR2**

Evaporative Family: **1SKXE0019YR2** (E33-44)

Evaporative Group: **G-4**

Rated **Kw** 35.7 @ 9,000RPM,
or **HP** 47.9 @ 9,000 RPM (SAE Net)

Exhaust ECS & special features: E.M.
(per SAE J1930 SEP91)

Engine Information:

487	Displacement (cc)
L2	Engine Config.
2	Valves/Cylinder
4	Strokes/Cycle
Air	Cooling Medium
2	No. Carburetors
1	Bbls. per carb

Sales location CA 49S X 50S X

	Page No. In Application
1. Warranty Statement	
2. Warranty Parts List	
3. Tune-up Label w/HC Std Vacuum Hose Diagram	
4. Projected Sales	
5. Vehicle Description	
6. Durability Data Plot (Exhaust/Evaporative)	Attached
7. CALIFORNIA Sales < 500	No
8. **Carry-Over/Carry-Across** MY & ID	Exhaust / Evaporative
Durability	New / ⇐
Bench	n/a / '85...122296*
Emission	New / ⇐
9. Type Evaporative Control	Canister
10. EVAP Bench Test Proc. Approval	Date: 29JAN82
11. Fill Pipe / Access Zone	Exempt
12. EPA Certificate	Suzuki-MC-01-23
13. Corporate Plan	E.O.# M-4-258 : 18MAY2000

1) Projected Emissions include modified DFs

VEHICLE I.D.	Engine code	displ	trans	EIM	RL Force	MPG	HC gm/km	CO gm/km	EVAP gm/tst	CO2 gm/km	test no.
TTD JS1GM51A912100010	M501 (01DJ)	487	M-6	290Kg	133.4	61.1	0.67	6.4	0.76	78.9	<G56>
JS1GN74A3F2100001 N702-122296* EVAP BENCH DURABILITY VEHICLE	DF_B	572									
				emission standards			CORP AVG 1.0	12	1.8		

(1)Complies with class III (<700cc) standards referenced above and include deterioration factors of: ***1.000*** ***1.000*** ***0.07***

The evap DF 0.007 is applied to GS500 SHED results at the TTD establishes the 1SKXE0019YR1 certification level. EVAP DF is the average of VEHICLE DF 0.000 and BENCH DF 0.013
The 2001 Designated Exhaust-HC Emission Standard: **0.9** gm/km.

Model Name: **GS500**
VIN model identifier: **GM51A**

Issued: 17NOV2000 jl Revised: 27NOV2000 (R1) jl

Application Processed by [signature] Date 1/4/01 Reviewed by S Chen Date 1/4/01

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