S. Hada

California Environmental Protection Agency AIR RESOURCES BOARD	SUZUKI MOTOR CORPORATION	EXECUTIVE ORDER M-004-0322 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-02-003;

IT IS ORDERED AND RESOLVED: That the engine and emission control systems produced by the manufacturer are certified as described below for four-stroke gasoline-powered motorcycles. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	EVAPORATIVE FAMILY	ENGINE DISPLACEMENT (cc)	CLASS
2003	3SKXC.805VS1	3SKXE0018YR1	805	III

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	VEHICLE MODELS (equivalent inertia mass in kilograms, kg)	* = not applicable
PAIR	VZ800 (340 kg)	

ABBREVIATIONS: EM=engine modification TWC=three-way catalyst OC=oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC O2S=oxygen sensor HO2S=heated O2S EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR MFI=multi port fuel injection SFI=sequential MFI TBI=throttle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cooler 2 (prefix)=parallel (2) (suffix)=in series

The following are the exhaust hydrocarbons (HC) and carbon monoxide (CO) standards, or designated HC standard as applicable, and certification levels in grams per kilometer (g/km), and evaporative standard and certification level in grams per test (g/test) for this engine/evaporative family. The designated HC standard, as applicable, shall be listed on the permanent tune-up label.

HC (g/km)				CO (g/km)		EVAPORATIVE (g/test)	
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL
1.4	1.2	*	0.5	12	8	2.0	0.9

BE IT FURTHER RESOLVED: That certification to the designated HC standard listed above, as applicable, is subject to the following terms, limitations and conditions:

The designated HC standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the HC exhaust 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, Sections 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 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.

This Executive Order is only granted to the engine family and model-year listed above. Vehicles in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 21ST day of November 2002.

Allen Lyons, Chief
Mobile Source Operations Division

CLASS III MOTORCYCLE
2003 MODEL-YEAR CERTIFICATION REVIEW SHEET

E.O. No. **M-4-322**

Manufacturer: **SUZUKI MOTOR CORPORATION**

Engine Family: **3SKXC.805VS1**

Evaporative Family: 3SKXE0018YR1 (Formerly E33-59)

Evaporative Group: G-5

All Engine Codes in Engine Family: CA 49S X 50S X

Max Rated Power: 40.5 kW 54.3 HP @ 6,500 RPM

Exhaust ECS & special features: PAIR (per SAE J1930 SEP91)

*SUZUKI ADVANCED COOLING SYSTEM

Engine Information:

Displacement (cc)	805
Engine Config.	V2
Valves/Cylinder	4
Strokes/Cycle	4
Cooling Medium	~~SACS*~~ Liquid
No. Carburetors	2
Bbls. per carb	1
Fuel Injection	n/a

8.1

		Page No. In Application	
1.	Warranty Statement	17-3	
2.	Warranty Parts List	16-5	
3.	Tune-up Label w/HC Std	07-1	
	Vacuum Hose Diagram	& 17-1	
4.	Projected Sales	09-8<2003>	
5.	Vehicle Description	10-1	
6.	Durability Data Plot (Exhaust/Evaporative)	Attached	
7.	Total CALIFORNIA Sales < 500	No	
8.	Carry-Over/Carry-Across MY & ID	Exhaust	Evaporative
	Durability	'97 ...00014	'97...00014 (DFV)
	Bench	n/a	'87...00035**(DFB)
	Emission	'97...00014	'97...00014
9.	Type Evaporative Control	Canister	
10.	EVAP Bench Test Proc. Approval	Date: 29JAN82	
11.	Fill Pipe / Access Zone	Meet ____ Exempt X	
12.	EPA Certificate*	No: ____ Yes Suzuki-MC-03-18*	
13.	Corporate Plan	Date: 21AUG2002 (M-4-307)	

1) Projected Emissions include 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.
JS1VS53A6V2100014 (DFv1)	S506 [48EG]	805	M-5	340Kg	143.6	47.5	0.99	9.1	0.9	100	<V86>
					Emission standards		1.4	12	~~1.8~~ 2.0		
MTD: confirms cert levels							CORP AVG				
JS1VS53A7X2100008	S506 [48EG]	805	M-5	340Kg	143.6	48.2	0.53	7.5	0.88	102	<V87>
JS1VX51L0H2100035**	DF_B	1360	EVAP BENCH DURABILITY VEHILCE = VS1400GL								

(1)Comply with class III (≥700cc) standards referenced above
and include deterioration factors of: **1.030** **1.000** **0.000**
and also include modified DFs of: ***1.054*** ***1.000*** ***0.000***

EVAP DF is the average of VEHICLE DF 0.000 and BENCH DF 0.000
The 2003 Designated Exhaust HC Emission Standard: **1.2** gm/km.

Remarks: 50-state engine family

Model Name: **VZ800**
VIN Model Identifier: **VS53A**

*EPA certificate number based on sequential order of MY2003 application submission.

Issued: 06Nov2002 jl

Application Processed by [signature] Date 11/14/02 Reviewed by [signature] Date 11-15-02

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