California Environmental Protection Agency AIR RESOURCES BOARD	SUZUKI MOTOR CORPORATION	EXECUTIVE ORDER M-004-0416 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. **The manufacturer shall ensure that character "C" or "3"is not used in the eighth (8th) position of the vehicle identification number (VIN) of all vehicles in the engine family listed below. Violation of this VIN provision may result in incorrect registration of the vehicles.**

MODEL YEAR	ENGINE FAMILY	EVAPORATIVE FAMILY	ENGINE DISPLACEMENT (cc)	CLASS
2007	7SKXC.805VA1	7SKXE0018YTA	805	III

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	VEHICLE MODELS (equivalent inertia mass in kilograms, kg)	* = not applicable
SFI, 2OC, PAIR	VL800 VL800T VZ800 VZ800Z (360 kg, all models)	

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 hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) standards, or designated HC+NOx 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+NOx standard, as applicable, shall be listed on the permanent tune-up label.

				EARLY COMPLIANCE CREDIT MULTIPLIER			*
HC+NOx (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	1.5	*	1.2	12	3	2.0	0.4

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

The designated HC+NOx standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the HC+NOx 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 for certification to the HC+NOx standard, or designated standard as applicable, listed above, the listed vehicle models are granted an early-compliance credit multiplier as indicated above pursuant to Title 13, California Code of Regulations, Section 1958(g).

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all materials 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 10TH day of May 2006.

Allen Lyons, Chief
Mobile Source Operations Division

E.O. No. M-4-416

CLASS III MOTORCYCLE

2007 MODEL-YEAR CERTIFICATION REVIEW SHEET

Manufacturer: SUZUKI MOTOR CORPORATION

Engine Family: 7SKXC.805VA1

Evaporative Family: 7SKXE0018YTA

Evaporative Group: G-5

Engine Information:

805	Displacement (cc)
V2	Engine Config.
4	Valves/Cylinder
4	Strokes/Cycle
liquid	Cooling Medium
N/A	No. Carburetors
N/A	Bbls. per carb

Rated HP: 52.3 kW: 39.0 @ 6,000 RPM Sales Location CA___ 49S_____ 50S X

Exhaust ECS & Special Features: SFI / ECM / 2 OC / PAIR
(per SAE J1930 Sep91)

	Page No. In Application
1. Warranty Statement	See Warranty Booklet
2. Warranty Parts List	
3. Tune-up Label w/HC Std	Sec 7, pp 14 ~ 15
Vacuum Hose Diagram	
4. Projected Sales	Sec 7, page 16
5. Vehicle Description	Sec 7, page 9
6. Durability Data Plot (Exhaust/Evaporative)	Attached
7. CALIFORNIA Sales < 500	No
8. Carry-Over/Carry-Across MY & ID	Exhaust / Evaporative
Durability	'05...00013 / '05...00013
Bench	n/a / '87...00035⌘
Emission	'05...00013 / '05...00013
9. Type Evaporative Control	Canister
10. EVAP Bench Test Proc. Approval	Date: 29JAN82
11. Fill Pipe / Access Zone	Exempt
12. EPA Certificate	7SKXC.805VA1
13. Corporate Plan	E.O.# M-4-404 APRIL___, 2006

1) Projected Emissions include DFs

unit: gr/km

VEHICLE I.D.	Engine Code	Displ	Trans	EIM	RL Force	MPG	HC	NOx	HC+NOx	CO	EVAP gm/tst	CO2	Test No.
JS1VS55A852100013	S510 [41F1]	805	M-5	360Kg	147.7	50.8	.45	.74	1.19	2.6	.43	104.0	VL6
Emission Standards:									1.5	12	1.8		

⌘JS1VX51L0H2100035 [VS1400GL] :DFB 1360 EPA cert # 7SKXC.805VA1

(1) Complies with class III standards of 1.4 gr/km HC+NOx Corporate Average and include deterioration factors of:

HC	NOx	CO	EVAP
1.118	1.006	1.000	0.06

EVAP DF 0.06 is the average of VEHICLE DF 0.12 and BENCH DF 0.000
The *MY2007* designated exhaust HC+NOx emission standard: 1.5 gm/km.

Remarks: Model names: VL800, VL800C* & VL800T VIN model ID: VS55A
VZ800 / VZ800Z VIN model ID: VS56A
*49-state only; VL800C not marketed in California
AKA: Boulevard C50/C/T & M50/Z

Date Issued: 20apr2006 jL Revised

Application Processed by [signature] Date 5-2-06 Reviewed by_____ Date_____

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Executive Order: M-4-416

2007 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET – MOTORCYCLE

Manufacturer: SUZUKI MOTOR CORPORATION

Engine Family: 7SKXC.805VA1 Evap Family: 7SKXE0018YTA

Model	Engine Code	Transmission	EIM	Force RL
VL800 VL800T VZ800 VZ800Z	S510 [41F1]	M-5	360Kg	147.7

Date Issued: 20apr2006 jl

Revisions:

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