



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 (8<sup>th</sup>) 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
<b>SPECIAL FEATURES &amp; EMISSION CONTROL SYSTEMS</b>			<b>VEHICLE MODELS</b> (equivalent inertia mass in kilograms, kg)	* = not applicable
SFI, 2OC, PAIR			VL800 VL800T VZ800 VZ800Z (360 kg, all models)	
<small>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</small>				

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.

HC+NOx (g/km)				EARLY COMPLIANCE CREDIT MULTIPLIER		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 10<sup>TH</sup> day of May 2006.

Allen Lyons, Chief  
Mobile Source Operations Division

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 / OC / PAIR  
 (per SAE J1930 Sep91)

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|--|--|
| 1. Warranty Statement  | Page No. In Application                                |
| 2. Warranty Parts List                                       | See Warranty Booklet                                   |
| 3. Tune-up Label w/HC Std Vacuum Hose Diagram                | Sec 7, pp 14 ~ 15                                      |
| 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 Durability Bench Emission | Exhaust '05...00013<br>n/a<br>'05...00013              |
| 9. Type Evaporative Control                                  | Evaporative '05...00013<br>'87...00035*<br>'05...00013 |
| 10. EVAP Bench Test Proc. Approval                           | Canister Date: 29JAN82                                 |
| 11. Fill Pipe / Access Zone                                  | Exempt 7SKXC.805VA1                                    |
| 12. EPA Certificate  | E.O.# M-4-404 APRIL __, 2006                           |
| 13. Corporate Plan   |  |

unit: gr/km

1) Projected Emissions include DFs

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	

\*JS1VX51LOH2100035 [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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**2007 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET -- MOTORCYCLE**Manufacturer: SUZUKI MOTOR CORPORATIONEngine Family: 7SKXC.805VA1Evap Family: 7SKXE0018YTA

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

Date Issued: 20apr2006 jl

Revisions: