California Environmental Protection Agency AIR RESOURCES BOARD	SUZUKI MOTOR CORPORATION	EXECUTIVE ORDER M-004-0361-1 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
2005	5SKXC.398VR1	5SKXE0016YR2	398	III

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	VEHICLE MODELS (equivalent inertia mass in kilograms, kg)	* = not applicable
EM	DR-Z400S (230 kg) DR-Z400SM (230 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 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	*	1.0	12	8	2.0	0.2

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 the listed motorcycles are certified to the aforementioned HC+NOx standard, or designated standard as applicable, prior to the 2008 model year and are hereby granted an early-compliance credit multiplier listed 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.

This Executive Order hereby supersedes Executive Order M-004-0361 dated July 6, 2004.

Executed at El Monte, California on this 26TH day of January 2005.

Allen Lyons, Chief
Mobile Source Operations Division

E.O. No. M-4-361-1

CLASS *III* MOTORCYCLE
2005 MODEL-YEAR CERTIFICATION REVIEW SHEET

Manufacturer: **SUZUKI MOTOR CORPORATION**

Engine Family: **5SKXC.398VR1**

Evaporative Family: **5SKXE0016YR2**

Evaporative Group: G-7
Rated kW 29.4 @ 7,500 RPM Sales location CA___49S X 50S X
Rated HP 39.4 @ 7,500 RPM
Exhaust ECS & Special Features: EM (per SAE J1930 SEP91)

Engine Information:

398	Displacement (cc)
L1	Engine Config.
4	Valves/Cylinder
4	Strokes/Cycle
Air/H2O	Cooling Medium
1	No. Carburetors
1	Bbls. per carb

		Page No. In Application	
1.	Warranty Statement	sec3-1	
2.	Warranty Parts List	sec7-10	
3.	Tune-up Label w/HC Std	sec7-13	
	Vacuum Hose Diagram	sec7-14	
4.	Projected Sales	sec7-15	
5.	Vehicle Description	sec7-1	
6.	Durability Data Plot (Exhaust/Evaporative)	Attached	
7.	CALIFORNIA Sales < 500	No	
8.	Carry-Over/Carry-Across MY & ID	Exhaust	Evaporative
	Durability	'04...03052	'00...00012
	Bench	n/a	'85...00015**
	Emission	'04...03052	'00...00012
9.	Type Evaporative Control	Canister	
10.	EVAP Bench Test Proc. Approval	Date: 29JAN82	
11.	Fill Pipe / Access Zone	Exempt	
12.	EPA Certificate*	Suzuki-MC-05-04	
13.	Corporate Plan	E.O.#M-4-359-1 13sep2004	

unit: gm/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 #
JS1SK43A432103052	K419 [29FC]	398	M-5	230	121.2	65.8	0.63	0.33	0.96	7.6	---	70.9	DE6
JS1SK43A0Y2100012	K419 [29FC]	398	M-5	230	121.2						0.21		D46
EMISSION STANDARDS:									1.4 ~~1.5~~	12	~~1.8~~ 2.0		
1) Complies with **class III motorcycle** emission standards referenced above and include deterioration factors of:							1.000	1.002	--	1.040	0.0		
JS1SK43A0Y2100012	EVAP Test Vehicle (1SKXEOO16YR2 DFv)												
JS1NS41A7F2100015** [SP600]	EVAP Bench Durability Vehicle (G-7 DFB)												

Remarks: 50-STATE engine family;.
The MY2005 **designated** exhaust HC+NOx emission standard is 1.5 gr/km.
☞ EVAP family **5SKXE0010YR2** DF = average of DFv **0.000** & DFB **0.000**

R/C: Add model

Model name: **DR-Z400S** VIN WMI & model identifier: **JS1SK43A**
DR-Z400SM VIN WMI & model identifier: **JS1SK44A**

* EPA Certificate number based on the sequential order of EPA application for certification.

Date Issued: 03jun2004 jL revised: 17DEC2004 (R1)

Application Processed by [signature] Date 1-21-05 Reviewed by [signature] Date 1-24-05

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