MITSUBISHI HEAVY INDUSTRIES, 1 TD.

EXECUTIVE ORDER U-U-028-0157 New Off-Road Small Spark-Ignition Equipment

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 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 following equipment produced by the manufacturer is certified as described below. Production equipment shall be in all material respects the same as those for which certification is granted.

MODEL ENG		GINE/EVAPORATIVE FAMILY	DISPLACEMENT (cc)	ENGINE CLASS	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)					
2006		6MVXS.1821CB	181	4-stroke, >80 cc - <225 cc	Gasoline					
DURABILITY SPECIAL FEATURES & TYPICAL E HOURS EMISSION CONTROL SYSTEMS		QUIPMENT APPLICATION								
125 Engine Modification				Pump, Pr	Pump, Pressure Washer, Generator					
ENGINE CODES/MODELS (rated power in kilowatt, kW)		3	GT600PC (3.0, 3.36 kW), GM182PC (3.0, 3.36 kW)							
EGR=exhaust	t gas rec	irculation AIR=secondary air ir	njection PAIR=pulsed AIR N		OC 02S=oxygen sensor H02S=heated 02S ential MFI TBI=throttle body fuel injection					

The following are the exhaust hydrocarbon plus oxides of nitrogen (HC+NOx), carbon monoxide (CO), and particulate matter (PM) emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2403(b)), and certification emission levels in grams per kilowatt-hour (g/kW-hr), and permeation standard (13 CCR Section 2754(b)), and certification level in grams per square meter per day (g/m²/day) for this engine/evaporative family or the component Executive Order. Engines or equipment models powered exclusively with alternative fuel as defined in Section 2751(b)(1) are exempt from complying with evaporative emission requirements. Engines within this engine family shall have closed crankcases in conformance with Section 90.109 of the "California Exhaust Emission Standards and Test Procedures for 2005 and Later Small Off-Road Engines," adopted September, 2003.

NA=not applicable	HC+NOx (g/kW-hr)			FUEL HOSE F	PERMEATION (g/m²/day)	
STANDARD	16.1	549	NA	STANDARD	OR COMPONENT EXECUTIVE ORDER	
FAMILY EMISSION LEVEL	NA	NA	NA	STANDARD		
CERTIFICATION LEVEL	13.4	405	NA	15	G-05-018	

BE IT FURTHER RESOLVED: That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2404 and 2759 (labeling) and 13 CCR Sections 2405, 2406, 2760, and 2764 (emission control system warranty).

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

Quarterly reports of engines produced in this engine family for sale in California shall be submitted to the Executive Officer no later than 45 days after the end of each calendar quarter.

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

Executed at El Monte, California on this 26th day of April 2006.

Allen Lyons, Chief

Mobile Source Operations Division

ATTACHMENT 1 OF 1 Model Year: 2006

Manufacturer:

Engine Family: 6MVXS.1821CB

Mitsubishi Heavy Industries, Ltd.

Issued:

Revised:

E.O. Number:

11/6/1998

2/1**007201**

Menu u-u-028-0157

raye. 🤊

Small Off-Road Engine Model Summary Form

Units for Table: kw

orst	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
X	GT600PC	50-State	181	68/50	25 deg btdc	3.0	3060			EM
	GT600PC	50-State	181	68/50	25 deg btdc	3.36	3600			EM
	GM182PC	50-State	181	68/50	25 deg btdc	3.0	3060	-		EM
	GM182PC	50-State	181	68/50	25 deg btdc	3.36	3600			EM
						· ·				
-								· · · · · · · · · · · · · · · · · · ·		-
								-		

ATTACHMENT 1 OF 1

DRAFT

Small Off-Road Evaporative Certification Database Form (Supplementary Information)

4-4-028-0157

MODEL SUMMARY

S14.	Canister or Other	venung Control Executive Order	N/A					
S13.	Fuel Line Executive Order	:	G-05-018					
S12.	Fuel Tank Executive Order		N/A					
S11.	Exhaust Family	;	N/A		1			
S10.	Fuel Line Inside Diameter	(ww)	4.75 6.35 7.90					
S9.	Nominal Fuel Line	(mm)	130					
S8.	Fuel Line Type		J30R7					
S7.	Fuel Tank Internal	Area (m²)	N/A					
S6.	Fuel Tank Vol.	(Liters)	N/A					
SS.	Fuel System (Fl or	CARBJ	CARB	 	 ····			
S4.	Engine Class (I or II)		ı					
	theck tte)	50- State	×					
S3.	Sales Codes (check all appropriate)	49- State				,		
	Sales all 8	CA Only						
S2.	Engine or Equipment Model		GT600					
S1.	Worst Case (Check One)		N/A					