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 engine and emission control systems produced by the manufacturer are certified for use in small off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY		DISPLACEMENT (cc)	ENGINE CLASS		FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefie petroleum gas)				
2014	EMVX	(S.3922AB	392	4-stroke, ≥ 22	5 cc	Gasoline				
DURABILITY HOURS		SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION					
500			EM .			Pump, Pressure Washer, Generator, Snowblower and Tiller				
ENGINE CODES/MODELS (rated power in kilowatt, kW)		See Attachment								
EGR=exhaus	t gas recirc	ulation AIR=sec	ondary air injection PAIR=pu	Ised AIR MFI=multi po	ort fuel inje	ewarm-up TWC/OC O2S=oxygen sensor HO2S=heated O2S action SFI=sequential MFI TBI=throttle body fuel injection ffix)=in series ECM=engine control module				

The following are the 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 for this engine family in grams per kilowatt-hour (g/kW-hr). 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 July 26, 2004.

*=not applicable	HC+NOx (g/kW-hr)	CO (g/kW-hr)	PM (g/kW-hr)
STANDARD	8.0	549	*
FAMILY EMISSION LEVEL	*	•	*
CERTIFICATION LEVEL	7.7	243	*

BE IT FURTHER RESOLVED: That the family emission level(s) (FELs), as applicable, is an emission limit declared by the manufacturer for use in the averaging, banking and trading program and in lieu of an emission standard for certification. It serves as the applicable emission standard for determining compliance of any engine within this engine family under 13 CCR Sections 2403(e)(1) and 2407(a).

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

Engines 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 family and model-year listed above. Engines 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 \_\_\_\_\_\_ day of December 2013.

Erik White, Chief

Mobile Source Operations Division

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Model Year: Manufacturer: 2014

Mitsubishi Heavy Industries, Ltd.

Engine Family: EMVXS.3922AB

issued: Revised:

11/6/1998

10/25/2013

## E.O. Number: U-U-028-0344 Small Off-Road Engine Model Summary Form

AMACIMENT B 1041

Units for Table: kw

	47.	48.	49.	50.	51.	52.	53.	54.	55.	56.
Worst	Model	Sales	Displ	Bore/	Ignition	Max	Rated Speed	Rated	Torque Speed	Emiss
Case?	Designation	Code	(cc)	Stroke	Timing	Power	(RPM)	Torque	(RPM)	Control Sys
	GM401	50-State	392	89/63	22 deg	6.01	3060	18.76	3060	EM
	GM401	50-State	392	89/63	22 deg	6.7	3600	17.77	3600	EM
	GB400	50-State	392	89/63	22 deg	6.01	3060	18.76	3060	EM
	GB400	50-State	392	89/63	22 deg	6.7	3600	17.77	3600	EM
	GM401	50-State	392	89/63	22 deg	6.01	3060	18.76	3060	EM
	GM401	50-State	392	89/63	22 deg	6.7	3600	17.77	3600	EM
X	GM408	50-State	392	89/63	22 deg	6.6	3060	20.60	3060	EM
	GM408	50-State	392	89/63	22 deg	7.36	3600	19.52	3600	EM
	GM408	50-State	392	89/63	22 deg	6.6	3060	20.60	3060	EM
	GM408	50-State	392	89/63	22 deg	7.36	3600	19.52	3600	EM
	GT1300	50-State	392	89/63	25 deg	6.01	3060	18.76	3060	EM
	GT1300	50-State	392	89/63	25 deg	6.7	3600	17.77	3600	EM