

	Kawasaki Heavy Industries, Ltd.	EXECUTIVE ORDER U-U-004-0334-1 New Off-Road Small Spark-Ignition Equipment
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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.

ENGINE DESCRIPTION			
MANUFACTURER	ENGINE FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
Kawasaki Heavy Industries, Ltd.	7KAXS.5852CB (U-U-004-0325)	585	Gasoline
	7KAXS.4942CA (U-U-004-0326)	494	
	7KAXS.4722CA (U-U-004-0327)	472	
	7KAXS.7642CA (U-U-004-0328)	764	
	7KAXS.6752CA (U-U-004-0329)	675	
	7KAXS.4312CA (U-U-004-0330)	431	
	7KAXS.4012CB (U-U-004-0331)	401	
* TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2007	N/A	N/A	Walk-Behind Lawnmower, Tractor, Commercial Turf, Golf Cart, Utility Vehicle
EMISSION CONTROL SYSTEMS (ECS)		EQUIPMENT MODEL	
Low Permeation Fuel Hose		See Attachment	
<small>A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code:- Canister=C Sealed Tank=S Other=O 2. Tank Barrier Type and Code:- Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. EVAPORATIVE FAMILY 2-Letter CODE (Venting Control Codes =C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). Note: Always list venting control type or code first before tank barrier type or code. Do not use abbreviations for ECS types.</small>			

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754(a) or 2754(b), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m²/day) or grams per liter (g/l) for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

DESIGN BASED					
FUEL HOSE PERMEATION (grams ROG/m ² /day)		FUEL TANK PERMEATION (grams ROG/m ² /day)		CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	G-05-017A	*	*	*	*

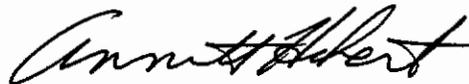
BE IT FURTHER RESOLVED: That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2759 (labeling) and 13 CCR Sections 2760 and 2764 (emission control system warranty).

Equipment 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. Equipment in this family that is produced for any other model-year is not covered by this Executive Order.

This Executive Order hereby supersedes Executive Order U-U-004-0334 dated February 16, 2007.

Executed at El Monte, California on this 23 day of February 2007.



Annette Hebert, Chief
Mobile Source Operations Division



Attachment 1 of 1

7KAXS.5852CB

FH580

FH541

7KAXS.4942CA

FH451

FH500

FH531

7KAXS.4722CA

FH480

FH491

FH411

7KAXS.7642CA

FH770D

FH741D

7KAXS.6752CA

FH601V

FH641V

FH661V

FH680V

FH680D

FH721V

FH721D

FH601D

FH641D

7KAXS.4312CA

FH430

FH381

7KAXS.4012CB

FJ400D/A

FJ400D/B

FJ400D/C