



**CALIFORNIA**  
AIR RESOURCES BOARD

**GUARANY INDUSTRIA E COMERCIO  
LIMITADA**

**EXECUTIVE ORDER U-U-273-0001**  
New Off-Road Small Spark-Ignition  
Equipment

Pursuant to the authority vested in California 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-14-012;

**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.	JKAXS.0655CA (U-U-004-0739)	65	Gasoline
TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2019	KGUAS.0655CA	2.0	Backpack Ultra Low Volume (ULV) Applicator
EMISSION CONTROL SYSTEMS		ENGINE and/or EQUIPMENT MODEL(S)	
N		See Attachment	
TANK TYPE: S=sealed M=metal P=treated HDPE or PE C=coextruded L=selar N=nylon A=acetal O=other (specify)			

The following are the evaporative emission standard (Title 13, California Code of Regulations, 13 CCR Section 2755 or 2757, as applicable), and certification level in grams per square meter per day (g/m<sup>2</sup>/day) for this evaporative family or the component Executive Order, as applicable.

PERFORMANCE BASED	
FUEL TANK PERMEATION (g/m <sup>2</sup> /day)	
STANDARD	CERTIFICATION LEVEL
2.0	0.2

**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.

Executed at El Monte, California on this 8<sup>th</sup> day of February 2019.

  
Annette Hebert, Chief  
Emissions Compliance, Automotive Regulations and Science Division

