

TECHTRONIC INDUSTRIES NORTH AMERICA, INC.

EXECUTIVE ORDER U-U-060-0368-2 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-19-095;

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 FAMIL	Y (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefie natural gas LPG=liquefied petroleum gas)		
CHO	NGQING DAJIANG POWER EQUIPMENT CO., LTD	JCDPS.2121DJ (U-U-105-0178) KCDPS.2121DJ (U-U-105-0230) KCDPS.2241DC (U-U-105-0254)		180, 196, 208, 212 180, 196, 208, 212 212, 224			
CHON	IGQING AM PRIDE POWER & MACHINERY CO., LTD	KCPPS.2231GI	D (U-U-164-0096)	223	Gasoline		
CHONGO	QING RATO TECHNOLOGY CO., LTD.	KCRPS.2121G	A (U-U-169-0288)	212			
	Attachment Be Certified	EQUIPME	NT DESCRIPTION	l .			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)		EQUIPMENT APPLICATION			
2019	CM8HCP3	See Attachment Generator Set					
EMISSIO	N CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL					
	Canister/Metal	See Attachment					
Metal=M Ti	E (Venting Control Type/Tank Barrier Type reated HDPE or PE=P Co-extruded=C S or Codes = M, P, C, L, N, A, O). <u>Note</u> : Alv	elar=L Nylon=N Acetal=A	Other=O B. EVAPORA	ATIVE FAMILY 2-Letter COD	E (Venting Control Codes = C, S, O)		

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.

*=not applicable		DE	SIGN BASED			
FUEL HOSE PERMEATION (grams ROG/m²/day)		FUEL TANK PERMEATION (grams ROG/m²/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	C-U-06-010, Q-08-005, Q-17-0430	1.5	Q-16-019, Q-17-023, Q-17-023A, Q-17-023B0	1.4	Q-13-018, Q-08-007, Q-13-004, Q-18-013	

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-060-0368-1 dated March 8, 2019.

Executed at El Monte, California on this 13th day of August 2019

Allen Lyons, Chief

Emissions Certification and Compliance Division

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

MODEL SUMMARY

S14.	Carbon Canister or Other	Venting Control Executive Order	Q-13-018	Q-08-007 Q-13-004 Q-18-013	Q-08-007 Q-13-004 Q-18-013	Q-08-007 Q-13-004 Q-18-013	Q-08-007 Q-13-004 Q-18-013		*
S13.	Fuel Line Executive Order		C-U-06-010 Q-08-005 Q-17-043	Q-08-005 Q-17-043	Q-08-005 Q-17-043	Q-08-005 Q-17-043	Q-08-005 Q-17-043		
S12.	Fuel Tank Executive	Fuel Tank Executive Order		Q-17-023A	Q-17-023A	Q-17-023A	Q-17-023A		
S11.	Exhaust Family		JCDPS.2121DJ KCDPS.2121DJ	KCRPS.2121GA	KCDPS.2241DC	KCPPS.2231GD	KCDPS.2241DC		
S10.	Fuel Line Inside Diameter (mm)		5.0 mm or greater	5.0 mm or greater	5.0 mm or greater	5.0 mm or greater	5.0 mm or greater		
.es	Nominal Fuel Line Length ⁽¹⁾ (mm)		580mm	580mm	580mm	580mm	580mm		
S8.	Fuel Line Type		Multi Layered	Multi Layered	Multi Layered	Multi Layered	Multi Layered		
. S7.	Fuel Tank Internal	Surface Area (m²)	0.507 m²	0.396 m²	0.396 m²	0.396 m²	0.396 m²		
.9g	Fuel Tank Vol. (Liters)	Nominal	14.79 L	12.49 L	12.49 L	12.49 L	12.49 L		F.E.
	Fuel T (L	Total	17.52 L	14.07	14.07	14.07	14.07		
85.	Fuel System (FI or	Fuel System (Fl or CARB)		CARB.	CARB.	CARB.	CARB.		
S4.	Engine Class (I or	Engine Class (I or II)		I	I	H 3.	I		
	theck rte)	50- State	×	×	×	×	×		
S3.	Sales Codes (check all appropriate)	49- State					-		
		CA Only							
S2.	Engine or Equipment Model		090930293	099930627	099930628	099930641	099930635		
. S1.	Worst Case (Check One)		×			×			

(1) The nominal fuel line lengths can be grouped into increment of $\pm\,3$ inches (76 mm)