ARIENS COMPANY

EXECUTIVE ORDER U-U-160-0036 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-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 FAI	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)					
KAWA	SAKI HEAVY INDUSTRIES, LTD.		2CA (U-U-004-0581) 2CA (U-U-004-0583)	603 726	Gasoline					
S.A. = See Attachment TBC = To Be Certified EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION							
2015	CPARNB03	22.3	awnmower							
EMISSIO	N CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL								
	Canister/HDPE	See Attachment								
Metal=M T	reated HDPE or PE=P Co-extruded=C S	Selar=L Nylon=N Acetal=A	Other=O B. EVAPORATIVE	FAMILY 2-Lette	ther=O 2. Tank Barrier Type and Code:- r CODE (Venting Control Codes =C, S, O); Do not use abbreviations for ECS types.					

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			
	OSE PERMEATION ams ROG/m²/day)		ANK PERMEATION ams 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-05-013, G-05-018	1.5	Q-14-002	1.4	Q-09-021	

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 day of November 2014.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Attachment 1 of 1

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

MODEL SUMMARY

S1.	S2.	S3.		S4.	S5.	S6.	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Engine or Equipment Model	Codes (appropri		Engine Class (I or II)	Fuel System (FI or CARB)	Fuel Tank Vol. (Liters)	Fuel Tank Internal Surface Area (m²)	Fuel Line Type	Nominal Fuel Line Length ⁽¹⁾ (mm)	Fuel Line Inside Diameter (mm)	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting Control Executive Order
х	BTC10741 John Deere (Ariens 988754)		х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10742 John Deere (Ariens 988755)		Х	П	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10743 John Deere (Ariens 988756)		Х	11	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10744 John Deere (Ariens 988757)		Х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10745 John Deere (Ariens 988761)		х	I1	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10746 John Deere (Ariens 988758)		Х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10747 John Deere (Ariens 988762)		Х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10748 John Deere (Ariens 988759)		Х	I1	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10749 John Deere (Ariens 988763)		Х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10750 John Deere (Ariens988760)		Х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.7262CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021
	BTC10751 John Deere (Ariens 988764)		Х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.7262CA	Q-14-002	C-U-05-013 G-05-018	Q-09-021