## **ARIENS COMPANY**

EXECUTIVE ORDER U-U-160-0036-1 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 D	ESCRIPTION					
	MANUFACTURER	ENGINE FAMIL	Y (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)			
KAWAS	SAKI HEAVY INDUSTRIES, LTD	FKAXS.60320 EKAXS.72620	A (U-U-004-0581) A (U-U-004-0619) A (U-U-004-0583) A (U-U-004-0609)	603 726	Gasoline			
TBC = To B	Attachment e Certified ·		DESCRIPTION					
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION					
2015	CPARNB03	22.3		Walk-Behind I	Lawnmower			
EMISSION	CONTROL SYSTEMS (ECS)		ENGINE and/or l	EQUIPMENT I	MODEL			
				ttachment				

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 DESIGN BASED											
	OSE PERMEATION ams ROG/m²/day)		ANK PERMEATION ams ROG/m²/day)		CANISTER BUTANE 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, Q-14-008, Q-08-013	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.

day of March 2015.

This Executive Order hereby supersedes Executive Order U-U-160-0036 dated November 18, 2014.

Executed at El Monte, California on this

1101

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

## 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 <sup>(1)</sup> (mm)	Fuel Line Inside Diameter (mm)	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting Control Executive
							(111 )							Order
x	BTC10741 John Deere (Ariens 988754)		x	11	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
	BTC10742 John Deere (Ariens 988755)		x	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
	BTC10743 John Deere (Ariens 988756)		х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
	BTC10744 John Deere (Ariens 988757)		х	11	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
	BTC10745 John Deere (Ariens 988761)		х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
	BTC10746 John Deere (Ariens 988758)		х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
	BTC10747 John Deere (Ariens 988762)		x	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
	BTC10748 John Deere (Ariens 988759)		х	И	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021

BTC10749 John Deere (Ariens 988763)	x	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
BTC10750 John Deere (Ariens988760)	х	П	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.7262CA FKAXS.7262CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
BTC10751 John Deere (Ariens 988764)	х	П	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.7262CA FKAXS.7262CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WG32A (BTC10947) (Ariens 988765)	х	П	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WG36A (BTC10948) (Ariens 988766)	х	ĬI	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WG48A (BTC10949) (Ariens 988767)	х	П	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WH36A (BTC10950) (Ariens 988768)	х	11	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WH48A (BTC10952) (Ariens 988769)	х	11	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WH52A (BTC10954) (Ariens 988770)	x	11	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WH61A (BTC10956) (Ariens 988771)	х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.7262CA FKAXS.7262CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WHP36A (BTC10951) (Ariens 988772)	x	11	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021

John Deere WHP48A (BTC10953) (Ariens 988773)	х	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WHP52A (BTC10955) (Ariens 988774)	x	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.6032CA FKAXS.6032CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021
John Deere WHP61A (BTC10957) (Ariens 988775)	x	II	CARB	22.3	0.484	Multi	1067	6.35	EKAXS.7262CA FKAXS.7262CA	Q-14-002	G-05-018 C-U-05-013 Q-14-008 Q-08-013	Q-09-021

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