

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

Fursuant 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.

MODEL E	NGINE/EVAPORATIVE FAMILY	DISPLACEMENT (cc)	ENGINE CLASS	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)			
2006 6BSXS.3442VM		344	4-stroke, ≥225 cc	Gasoline			
DURABILITY HOURS		EATURES & ITROL SYSTEMS	TYPICAL	EQUIPMENT APPLICATION			
500	Engine N	Modification	Riding Mower, Tractor, Generator Set				
ENGINE CODES/MODE rated power kilowatt, kW	LS 2108 (7.6 kW), 2117 2138 (7.6 kW), 2147 2167 (7.6 kW), 2168	(7.6 kW), 2118 (7.6 kW), (7.6 kW), 2148 (7.6 kW),	2127 (7.6 kW), 2128 (7.6 k 2149 (7.6 kW), 2157 (7.6 k 2177 (7.6 kW), 2178 (7.6 k	kW), 21B9 (7.6 kW), 2107 (7.6 kW), W), 2129 (7.6 kW), 2137 (7.6 kW), W), 2158 (7.6 kW), 2159 (7.6 kW), W), 2179 (7.6 kW), 2187 (7.6 kW),			

The following are the exhaust hydrocarbon plus oxides of nitrogen (HC+NOx), carbon monoxide (CO), and particulate matter (PM) emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2403(b)), and certification emission levels in grams per kilowatt-hour (g/kW-hr), and permeation standard (13 CCR Section 2754(b)), and certification level in grams per square meter per day (g/m²/day) for this engine/evaporative family or the component Executive Order. Engines or equipment models powered exclusively with alternative fuel as defined in Section 2751(b)(1) are exempt from complying with evaporative emission requirements. Engines within this engine family shall have closed crankcases in conformance with Section 90.109 of the "California Exhaust Emission Standards and Test Procedures for 2005 and Later Small Off-Road Engines," adopted September, 2003.

*=:not applicable	HC+NOx (g/kW-hr)	CO (g/kW-hr)	PM (g/kW-hr)	FUEL HOSE PERMEATION (g/m²/day)		
STANDARD	12.1	549	*		CERTIFICATION LEVEL OR COMPONENT EXECUTIVE ORDER	
MAXIMUM FAMILY EMISSION LEVEL	11.0	*	* .	STANDARD		
FAMILY EMISSION LEVEL	11.0	549	*	1		
					G-05-016	
CERTIFICATION LEVEL	7.6	352	*	15	G-05-017	
	ļ				G-05-018	

BE IT FURTHER RESOLVED: That the family emission level(s) (FELs), as applicable, is an emission limit declared by the manufacturer for use in the averaging, banking and trading program and in lieu of an emission standard for certification. It serves as the applicable exhaust emission standard for determining compliance of any engine within this engine/evaporative family under 13 CCR Sections 2403(e)(1) and 2407(a).

BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed engines to meet one or more of the manufacturer's requirements for emission reduction based on a plan submitted to and approved by the Executive Officer pursuant to 13 CCR Section 2403(c).

ELE 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 2404 and 2759 (labeling) and 13 CCR Sections 2405, 2406, 2760, and 2764 (emission control system warranty).

Equipment certified under this Executive Order must conform to all applicable California emission regulations.

Quarterly reports of engines produced in this engine family for sale in California shall be submitted to the Executive Officer no later than 45 days after the end of each calendar quarter.

This Executive Order is only granted to the engine/evaporative 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-002-0375 dated July 18, 2005.

Executed at El Monte, California on this

Jan H Hole

Annette Hebert, Chief Mobile Source Operations Division

day of June 2007

Attachment 1 of 3 Page: 9

Model Year:

2006

Briggs & Stratton Corporation Manufacturer:

Engine Family: 6BSXS.3442VM

Issued: Revised:

5/29/2005

E.O. Number: u-u-002-0375-1

Small Off-Road Engine Model Summary Form

Units for Table: kW

47.	48.	49.	50.	51.	52.	53.	54.	55.	56.
Model Designation	Sales Code	Displ (cc)	Bore/ Stroke	Ignition Timing	Max Power	Rated Speed (RPM)	Rated Torque	Torque Speed (RPM)	Émiss Control Sys
21A7	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
21A8	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
21A9	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
21B7	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
21B8	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
21B9	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	·EM
2107	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
2108	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
2117	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
.2118	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
2127	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
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	21A7 21A8 21A9 21B7 21B8 21B9 2107 2108 2117 2118	Designation Code 21A7 50-State 21A8 50-State 21A9 50-State 21B7 50-State 21B8 50-State 21B9 50-State 2107 50-State 2108 50-State 2117 50-State 2118 50-State 2118 50-State	Designation Code (cc) 21A7 50-State 344 21A8 50-State 344 21A9 50-State 344 21B7 50-State 344 21B8 50-State 344 21B9 50-State 344 2107 50-State 344 2108 50-State 344 2117 50-State 344 2118 50-State 344	Designation Code (cc) Stroke 21A7 50-State 344 87.3/57.5 21A8 50-State 344 87.3/57.5 21A9 50-State 344 87.3/57.5 21B7 50-State 344 87.3/57.5 21B8 50-State 344 87.3/57.5 21B9 50-State 344 87.3/57.5 2107 50-State 344 87.3/57.5 2108 50-State 344 87.3/57.5 2117 50-State 344 87.3/57.5 2118 50-State 344 87.3/57.5	Designation Code (cc) Stroke Timing 21A7 50-State 344 87.3/57.5 25 21A8 50-State 344 87.3/57.5 25 21A9 50-State 344 87.3/57.5 25 21B7 50-State 344 87.3/57.5 25 21B8 50-State 344 87.3/57.5 25 21B9 50-State 344 87.3/57.5 25 2107 50-State 344 87.3/57.5 25 2108 50-State 344 87.3/57.5 25 2117 50-State 344 87.3/57.5 25 2118 50-State 344 87.3/57.5 25	Designation Code (cc) Stroke Timing Power 21A7 50-State 344 87.3/57.5 25 7.6 21A8 50-State 344 87.3/57.5 25 7.6 21A9 50-State 344 87.3/57.5 25 7.6 21B7 50-State 344 87.3/57.5 25 7.6 21B8 50-State 344 87.3/57.5 25 7.6 21B9 50-State 344 87.3/57.5 25 7.6 2107 50-State 344 87.3/57.5 25 7.6 2108 50-State 344 87.3/57.5 25 7.6 2117 50-State 344 87.3/57.5 25 7.6 2118 50-State 344 87.3/57.5 25 7.6	Designation Code (cc) Stroke Timing Power (RPM) 21A7 50-State 344 87.3/57.5 25 7.6 3600 21A8 50-State 344 87.3/57.5 25 7.6 3600 21A9 50-State 344 87.3/57.5 25 7.6 3600 21B7 50-State 344 87.3/57.5 25 7.6 3600 21B8 50-State 344 87.3/57.5 25 7.6 3600 21B9 50-State 344 87.3/57.5 25 7.6 3600 2107 50-State 344 87.3/57.5 25 7.6 3600 2108 50-State 344 87.3/57.5 25 7.6 3600 2117 50-State 344 87.3/57.5 25 7.6 3600 2118 50-State 344 87.3/57.5 25 7.6 3600	Designation Code (cc) Stroke Timing Power (RPM) Torque 21A7 50-State 344 87.3/57.5 25 7.6 3600 22.6 21A8 50-State 344 87.3/57.5 25 7.6 3600 22.6 21A9 50-State 344 87.3/57.5 25 7.6 3600 22.6 21B7 50-State 344 87.3/57.5 25 7.6 3600 22.6 21B8 50-State 344 87.3/57.5 25 7.6 3600 22.6 21B9 50-State 344 87.3/57.5 25 7.6 3600 22.6 2107 50-State 344 87.3/57.5 25 7.6 3600 22.6 2108 50-State 344 87.3/57.5 25 7.6 3600 22.6 2117 50-State 344 87.3/57.5 25 7.6 3600 22.6 2118	Designation Code (cc) Stroke Timing Power (RPM) Torque (RPM) 21A7 50-State 344 87.3/57.5 25 7.6 3600 22.6 2600 21A8 50-State 344 87.3/57.5 25 7.6 3600 22.6 2600 21A9 50-State 344 87.3/57.5 25 7.6 3600 22.6 2600 21B7 50-State 344 87.3/57.5 25 7.6 3600 22.6 2600 21B8 50-State 344 87.3/57.5 25 7.6 3600 22.6 2600 21B9 50-State 344 87.3/57.5 25 7.6 3600 22.6 2600 2107 50-State 344 87.3/57.5 25 7.6 3600 22.6 2600 2108 50-State 344 87.3/57.5 25 7.6 3600 22.6 2600 2118

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Model Year:

2006

Manufacturer: Briggs & Stratton Corporation

Engine Family: 6BSXS.3442VM

Issued: Revised:

5/27/2005

E.O. Number: u-d-002-0375-!

Small Off-Road Engine Model Summary Form

Units for Table: kW

	47.	48.	49.	50.	51.	52.	53.	54.	55.	56.
Worst Case?	Model Designation	Sales Code	Displ (cc)	Bore/ Stroke	ignition Timing	Max Power	Rated Speed (RPM)	Rated Torque	Torque Speed (RPM)	Emiss Control Sys
	2128	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2129	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2137	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2:138	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2147	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2148	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2149	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2157	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2158	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2159	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2167	50-State	344	87.3/57.5	25	7.6	3600	. 22.6	2600	EM
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Model Year:

2006

Manufacturer: Briggs & Stratton Corporation

Engine Family: 6BSXS.3442VM

Revised:

5/27/2005

E.O. Number: u-u-002-0375-1

Small Off-Road Engine Model Summary Form

Units for Table: kW

Worst	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	2168	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2169	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2177	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2178	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2179	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2187	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2188	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2197	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2198	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	EM
	2199	50-State	344	87.3/57.5	25	7.6	3600	22.6	2600	· EM
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