

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 new large spark-ignition engines and emission control systems produced by the manufacturer are certified for use in off-road equipment as described below. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE
2021	MEDIB06.2RSG	6.2	Gasoline, LPG, CNG, Gasoline-LPG Dual Fuel, CNG-LPG Dual Fuel
DURABILITY HOURS	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS		TYPICAL EQUIPMENT USAGE
5000	Three-Way Catalytic Converter, Heated Oxygen Sensor, Sequential Multipoint Fuel Injection (Gas), Gaseous Fuel Mixer (LPG, CNG)		Forklift, Pump, Tractor/Tug, Other
ENGINE MODELS (rated power in kilowatt, kW)		See Attachment	

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) exhaust certification emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2433(b)(1)) and certification emission levels for this engine family in grams per kilowatt-hour (g/kW-hr). Engines within this engine family shall have closed crankcases in conformance with 13 CCR Section 2433(b)(3).

	HC+NOx (g/kW-hr)	CO (g/kW-hr)
<b>EXHAUST STANDARD</b>	0.8	20.6
<b>CERTIFICATION LEVEL</b>	0.4	10.6

The following is the evaporative hydrocarbon emission standard (13 CCR Section 2433(b)(4)) and certification emission level for this engine family in grams per gallon of fuel tank capacity (g/gallon).

Evaporative Certification Method	HC Certification Level (g/gallon)	HC Certification Standard (g/gallon)
Design Based	N/A	0.2

**BE IT FURTHER RESOLVED:** That for the listed engines for the aforementioned model-year, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2433(c) (certification and test procedures), 13 CCR Section 2434 (emission control labels), and 13 CCR Sections 2435 and 2436 (emission control system warranty).

Engines 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. Engines in this family that are produced for any other model-year are not covered by this Executive Order.**

Executed on this 8th day of March 2021.



Allen Lyons, Chief  
 Emissions Certification and Compliance Division

Date: **12/2/2020**  
 Engine Family: **MEDIB06.2RSG**

Model Summary

S13. Engine Model	S14. Engine Code	S15. Sales Codes (Check all appropriate)			S16. Engine Displacement (Liters)	S17. Rated Power (kW)	S18. Rated Speed (RPM)	S19. Peak Torque (FT-LB)	S20. Peak Torque Speed (RPM)
		CA Only	49-State	50-State					
Ford 6.2L LSI*	RSG862-Gas*			X	6.2L	133.0	3200	461	2400
Ford 6.2L LSI	RSG862-LPG			X	6.2L	146.0	3200	455	2300
Ford 6.2L LSI	RSG862-LPV			X	6.2L	146	3200	455	2300
Ford 6.2L LSI	RSG862-NG			X	6.2L	158	3600	425	2400
Ford 6.2L LSI	RSG862-Gas-LPG			X	6.2L	146	3200	461	2400
Ford 6.2L LSI	RSG862-Gas-NG			X	6.2L	133	3200	461	2400
Ford 6.2L LSI	RSG862-LPV-NG			X	6.2L	158	3600	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (3200RPM)			X	6.2L	146	3200	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (3100RPM)			X	6.2L	143	3100	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (3000RPM)			X	6.2L	139	3000	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (2900RPM)			X	6.2L	136	2900	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (2800RPM)			X	6.2L	131	2800	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (2700RPM)			X	6.2L	126	2700	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (2600RPM)			X	6.2L	122	2600	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (2500RPM)			X	6.2L	118	2500	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (2400RPM)			X	6.2L	114	2400	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (2300RPM)			X	6.2L	110	2300	455	2300
Ford 6.2L LSI	RSG862-LPV-NG (2200RPM)			X	6.2L	103	2200	447	2200
Ford 6.2L LSI	RSG862-LPV-NG (2100RPM)			X	6.2L	98	2100	446	1800
Ford 6.2L LSI	RSG862-LPV-NG (2000RPM)			X	6.2L	93	2000	446	1800
Ford 6.2L LSI	RSG862-LPV-NG (1900RPM)			X	6.2L	88	1900	446	1800
Ford 6.2L LSI	RSG862-LPV-NG (1800RPM)			X	6.2L	84	1800	446	1800
Ford 6.2L LSI	RSG862-Gas-NG (3100RPM)			X	6.2L	133	3100	461	2400
Ford 6.2L LSI	RSG862-Gas-NG (3000RPM)			X	6.2L	130	3000	461	2400
Ford 6.2L LSI	RSG862-Gas-NG (2900RPM)			X	6.2L	124	2900	461	2400
Ford 6.2L LSI	RSG862-Gas-NG (2800RPM)			X	6.2L	120	2800	461	2400
Ford 6.2L LSI	RSG862-Gas-NG (2700RPM)			X	6.2L	119	2700	461	2400
Ford 6.2L LSI	RSG862-Gas-NG (2600RPM)			X	6.2L	116	2600	461	2400
Ford 6.2L LSI	RSG862-Gas-NG (2500RPM)			X	6.2L	110	2500	461	2400
Ford 6.2L LSI	RSG862-Gas-NG (2400RPM)			X	6.2L	103	2400	461	2400
Ford 6.2L LSI	RSG862-Gas-NG (2300RPM)			X	6.2L	98	2300	455	2300
Ford 6.2L LSI	RSG862-Gas-NG (2200RPM)			X	6.2L	94	2200	449	2200
Ford 6.2L LSI	RSG862-Gas-NG (2100RPM)			X	6.2L	88	2100	448	2000
Ford 6.2L LSI	RSG862-Gas-NG (2000RPM)			X	6.2L	83	2000	448	2000
Ford 6.2L LSI	RSG862-Gas-NG (1900RPM)			X	6.2L	88	1900	443	1900
Ford 6.2L LSI	RSG862-Gas-NG (1800RPM)			X	6.2L	83	1800	439	1800
Ford 6.2L LSI	RSG862-Gas-LPG (3100RPM)			X	6.2L	143	3100	461	2400
Ford 6.2L LSI	RSG862-Gas-LPG (3000RPM)			X	6.2L	139	3000	461	2400
Ford 6.2L LSI	RSG862-Gas-LPG (2900RPM)			X	6.2L	136	2900	461	2400
Ford 6.2L LSI	RSG862-Gas-LPG (2800RPM)			X	6.2L	131	2800	461	2400
Ford 6.2L LSI	RSG862-Gas-LPG (2700RPM)			X	6.2L	126	2700	461	2400
Ford 6.2L LSI	RSG862-Gas-LPG (2600RPM)			X	6.2L	122	2600	461	2400
Ford 6.2L LSI	RSG862-Gas-LPG (2500RPM)			X	6.2L	119	2500	461	2400
Ford 6.2L LSI	RSG862-Gas-LPG (2400RPM)			X	6.2L	116	2400	461	2400

Date: **12/2/2020**  
 Engine Family: **MEDIB06.2RSG**

Model Summary

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		CA Only	49-State	50-State					
Ford 6.2L LSI	RSG862-Gas-LPG (2300RPM)			X	6.2L	110	2300	455	2300
Ford 6.2L LSI	RSG862-Gas-LPG (2200RPM)			X	6.2L	103	2200	449	2200
Ford 6.2L LSI	RSG862-Gas-LPG (2100RPM)			X	6.2L	98	2100	448	2000
Ford 6.2L LSI	RSG862-Gas-LPG (2000RPM)			X	6.2L	94	2000	448	2000
Ford 6.2L LSI	RSG862-Gas-LPG (1900RPM)			X	6.2L	88	1900	446	1800
Ford 6.2L LSI	RSG862-Gas-LPG (1800RPM)			X	6.2L	84	1800	446	1800
Ford 6.2L LSI	RSG862-NG (3200RPM)			X	6.2L	137	3200	425	2400
Ford 6.2L LSI	RSG862-NG (3100RPM)			X	6.2L	133	3100	425	2400
Ford 6.2L LSI	RSG862-NG (3000RPM)			X	6.2L	130	3000	425	2400
Ford 6.2L LSI	RSG862-NG (2900RPM)			X	6.2L	125	2900	425	2400
Ford 6.2L LSI	RSG862-NG (2800RPM)			X	6.2L	120	2800	425	2400
Ford 6.2L LSI	RSG862-NG (2700RPM)			X	6.2L	117	2700	425	2400
Ford 6.2L LSI	RSG862-NG (2600RPM)			X	6.2L	114	2600	425	2400
Ford 6.2L LSI	RSG862-NG (2500RPM)			X	6.2L	110	2500	425	2400
Ford 6.2L LSI	RSG862-NG (2400RPM)			X	6.2L	107	2400	425	2400
Ford 6.2L LSI	RSG862-NG (2300RPM)			X	6.2L	102	2300	424	2300
Ford 6.2L LSI	RSG862-NG (2200RPM)			X	6.2L	98	2200	424	2200
Ford 6.2L LSI	RSG862-NG (2100RPM)			X	6.2L	93	2100	423	2100
Ford 6.2L LSI	RSG862-NG (2000RPM)			X	6.2L	88	2000	422	2000
Ford 6.2L LSI	RSG862-NG (1900RPM)			X	6.2L	84	1900	422	1900
Ford 6.2L LSI	RSG862-NG (1800RPM)			X	6.2L	80	1800	422	1800
Ford 6.2L LSI	RSG862-LPV (3100RPM)			X	6.2L	143	3100	455	2300
Ford 6.2L LSI	RSG862-LPV (3000RPM)			X	6.2L	139	3000	455	2300
Ford 6.2L LSI	RSG862-LPV (2900RPM)			X	6.2L	136	2900	455	2300
Ford 6.2L LSI	RSG862-LPV (2800RPM)			X	6.2L	131	2800	455	2300
Ford 6.2L LSI	RSG862-LPV (2700RPM)			X	6.2L	126	2700	455	2300
Ford 6.2L LSI	RSG862-LPV (2600RPM)			X	6.2L	122	2600	455	2300
Ford 6.2L LSI	RSG862-LPV (2500RPM)			X	6.2L	118	2500	455	2300
Ford 6.2L LSI	RSG862-LPV (2400RPM)			X	6.2L	114	2400	455	2300
Ford 6.2L LSI	RSG862-LPV (2300RPM)			X	6.2L	110	2300	455	2300
Ford 6.2L LSI	RSG862-LPV (2200RPM)			X	6.2L	103	2200	447	2200
Ford 6.2L LSI	RSG862-LPV (2100RPM)			X	6.2L	98	2100	446	1800
Ford 6.2L LSI	RSG862-LPV (2000RPM)			X	6.2L	93	2000	446	1800
Ford 6.2L LSI	RSG862-LPV (1900RPM)			X	6.2L	88	1900	446	1800
Ford 6.2L LSI	RSG862-LPV (1800RPM)			X	6.2L	84	1800	446	1800
Ford 6.2L LSI	RSG862-LPG (3100RPM)			X	6.2L	143	3100	455	2300
Ford 6.2L LSI	RSG862-LPG (3000RPM)			X	6.2L	139	3000	455	2300
Ford 6.2L LSI	RSG862-LPG (2900RPM)			X	6.2L	136	2900	455	2300
Ford 6.2L LSI	RSG862-LPG (2800RPM)			X	6.2L	131	2800	455	2300
Ford 6.2L LSI	RSG862-LPG (2700RPM)			X	6.2L	126	2700	455	2300
Ford 6.2L LSI	RSG862-LPG (2600RPM)			X	6.2L	122	2600	455	2300
Ford 6.2L LSI	RSG862-LPG (2500RPM)			X	6.2L	118	2500	455	2300
Ford 6.2L LSI	RSG862-LPG (2400RPM)			X	6.2L	114	2400	455	2300
Ford 6.2L LSI	RSG862-LPG (2300RPM)			X	6.2L	110	2300	455	2300

