 <b>AIR RESOURCES BOARD</b>	AGCO SISU DIESEL INC.	<b>EXECUTIVE ORDER U-R-050-0017</b> New Off-Road Compression-Ignition Engines
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Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

**IT IS ORDERED AND RESOLVED:** That the following compression-ignition engine and emission control system produced by the manufacturer are certified as described below for use in off-road equipment. 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	USEFUL LIFE (hours)
2009	9SIDL07.4G5B	7.4, 6.6	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Direct Diesel Injection, Turbocharger, Charge Air Cooler, Engine Control Module and Smoke Puff Limiter			Tractor and Industrial Equipment	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

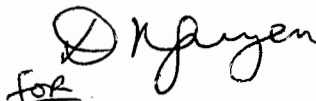
RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
130 ≤ KW < 225	Tier 3	STD	N/A	N/A	4.0	3.5	0.20	20	15	50
		CERT	--	--	3.7	0.6	0.18	10	2	32

**BE IT FURTHER RESOLVED:** That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (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 at El Monte, California on this 24<sup>th</sup> day of December 2009.

  
 for  
 Annette Hebert, Chief  
 Mobile Source Operations Division

**Engine Model Summary Template**

U-R-050-0017  
12/23/09

Engine Family	1. Engine Code	2. Engine Model	3. BHP @ RPM (SAE Gross)	4. Fuel Rate:		5. Fuel Rate:		6. Torque @ RPM (SEA Gross)	7. Fuel Rate: mm <sup>3</sup> /stroke @ peak torque	8. Fuel Rate: (lbs/hr) @ peak torque Device	9. Emission Control Per SAE J1930
				mm <sup>3</sup> /stroke @ peak (for diesel only)	mm <sup>3</sup> /stroke @ peak HP (for diesels only)	(lbs/hr) @ peak HP (for diesels only)	(lbs/hr) @ peak torque				
9SIDL07.4G5B	74.382	CTA-4V	235@2200	128	93.9	885@1500	194	97.0	DDI, ECM, SPL, TC, CAC		
9SIDL07.4G5B	74.391	CTA-4V	240@2200	124	90.9	790@1500	161	80.5	DDI, ECM, SPL, TC, CAC		
9SIDL07.4G5B	74.392	CTA-4V	224@2200	115	84.3	715@1500	144	72.0	DDI, ECM, SPL, TC, CAC		
9SIDL07.4G5B	74.394	CTA-4V	224@2200	115	84.3	715@1500	144	72.0	" " " " SPL " " "		
9SIDL07.4G5B	74.398	CTA-4V	214@2200	113	82.9	684@1500	141	70.5	" " " " SPL " " "		
9SIDL07.4G5B	66.386	CTA-4V	205@2200	108	79.2	612@1500	120	60.0	" " " " SPL " " "		
9SIDL07.4G5B	66.387	CTA-4V	182@2200	95	69.7	553@1500	111	55.5	" " " " SPL " " "		
9SIDL07.4G5B	66.407	CTA-4V	177@2200	93	68.2	490@1500	104	52.0	" " " " SPL " " "		
9SIDL07.4G5B	74.443	CTA-4V	240@2200	124	90.9	824@1500	161	80.5	" " " " SPL " " "		
9SIDL07.4G5B	74.444	CTA-4V	240@2200	124	90.9	824@1500	161	80.5	" " " " SPL " " "		
9SIDL07.4G5B	66.431	CTA-4V	178@2200	96	70.4	546@1500	110	55.0	" " " " SPL " " "		
9SIDL07.4G5B	66.393	CTA-4V	196@2200	101	74.1	695@1500	131	65.5	" " " " SPL " " "		
9SIDL07.4G5B	66.402	CTA-4V	185@2200	95	69.7	677@1500	126	63.0	" " " " SPL " " "		
9SIDL07.4G5B	74.425	CTA-4V	205@2200	109	79.9	638@1500	121	60.5	" " " " SPL " " "		
9SIDL07.4G5B	74.424	CTA-4V	182@2200	97	71.1	577@1500	114	57.0	" " " " SPL " " "		
9SIDL07.4G5B	74.423	CTA-4V	177@2200	95	69.7	515@1500	104	52.0	" " " " SPL " " "		
9SIDL07.4G5B	74.463	CTA-4V	272@2000	150	100.0	765@1800	155	93.0	" " " " SPL " " "		
9SIDL07.4G5B	74.472	CTA-4V	272@2200	142	104.1	765@1800	150	90.0	" " " " SPL " " "		
9SIDL07.4G5B	74.545	CTA-4V	190@2200	100	73.3	615@1500	119	59.5	" " " " SPL " " "		
9SIDL07.4G5B	74.546	CTA-4V	202@2200	108	79.2	654@1500	125	62.5	" " " " SPL " " "		
9SIDL07.4G5B	74.572	CTA-4V	240@2200	124	90.9	790@1500	161	80.5	" " " " SPL " " "		