CALIFORNIA AIR RESOURCES BOARD	AGCO POWER INC.	**EXECUTIVE ORDER U-R-050-0106** New Off-Road Compression-Ignition Engines Page **1** of **1**

Pursuant to the authority vested in California 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-19-095;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems 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)
2023	PSIDL09.8H6C	8.4, 9.8	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Engine Control Module, Electronic Direct Injection, Turbocharger, Charge Air Cooler, Smoke Puff Limiter, Selective Catalytic Reduction – Urea, Diesel Oxidation Catalyst, Ammonia Oxidation Catalyst, Exhaust Gas Recirculation	Tractor

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for non-methane hydrocarbon (NMHC), 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 (%)		
			NMHC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
130 ≤ kW ≤ 560	Tier 4 Final	**STD**	0.19	0.40	N/A	3.5	0.02	N/A	N/A	N/A
		CERT	0.03	0.34	--	0.1	0.02	--	--	--

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 on this 2nd day of March 2023.

Robin U. Lang

Robin U. Lang, Chief
Emissions Certification and Compliance Division

Attachment: Engine Models **EO #:** U-R-050-0106 **Family:** PSIDL09.8H6C **Attachment Revised:** 2/16/2023

Model	Code	Trim	Config	Displacement	Displacement - Units	Peak Power	Peak Power - Units	Peak Power - Speed (rpm)	Peak Power - Fueling	Peak Power - Fuel Units	Peak Torque	Peak Torque - Units	Peak Torque - Speed (rpm)	Peak Torque - Fuel	Peak Torque - Fuel Units	OBD	GHG	Special	Notes
84	AWF	.915	I6	8.4	Liters	335	horsepower	2100	168	mm3/stroke	1277	lb-ft	1500	229	mm3/stroke				CCV
98	AWF	.927	I7	9.8	Liters	350	horsepower	2100	144	mm3/stroke	1296	lb-ft	1500	194	mm3/stroke				CCV
98	AWF	.928	I7	9.8	Liters	425	horsepower	2100	177	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
84	AWF	.931	I6	8.4	Liters	362	horsepower	2100	176	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.932	I6	8.4	Liters	375	horsepower	2100	186	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
98	AWF	.933	I7	9.8	Liters	430	horsepower	2100	180	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
98	AWF	.934	I7	9.8	Liters	460	horsepower	2100	196	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
98	AWF	.935	I7	9.8	Liters	489	horsepower	2100	214	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
84	AWF	.939	I6	8.4	Liters	315	horsepower	2100	154	mm3/stroke	1154	lb-ft	1500	204	mm3/stroke				CCV
84	AWF	.940	I6	8.4	Liters	339	horsepower	2100	168	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.941	I6	8.4	Liters	332	horsepower	2100	163	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.942	I6	8.4	Liters	364	horsepower	2100	175	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.943	I6	8.4	Liters	364	horsepower	2100	210	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.944	I6	8.4	Liters	375	horsepower	2100	182	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.1018	I6	8.4	Liters	276	horsepower	2100	133	mm3/stroke	1000	lb-ft	1500	180	mm3/stroke				CCV
84	AWF	.1019	I6	8.4	Liters	300	horsepower	2100	145	mm3/stroke	1069	lb-ft	1500	190	mm3/stroke				CCV
84	AWF	.1020	I6	8.4	Liters	330	horsepower	2100	158	mm3/stroke	1177	lb-ft	1500	208	mm3/stroke				CCV
84	AWF	.1021	I6	8.4	Liters	351	horsepower	2100	169	mm3/stroke	1223	lb-ft	1500	214	mm3/stroke				CCV
84	AWF	.1031	I6	8.4	Liters	330	horsepower	2100	167	mm3/stroke	1154	lb-ft	1500	206	mm3/stroke				CCV
98	AWF	.1032	I7	9.8	Liters	399	horsepower	2100	166	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
84	AWF	.1033	I6	8.4	Liters	364	horsepower	2100	176	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
98	AWF	.1034	I7	9.8	Liters	375	horsepower	2100	156	mm3/stroke	1390	lb-ft	1500	210	mm3/stroke				CCV
84	AWF	.1268	I6	8.4	Liters	330	horsepower	2100	167	mm3/stroke	1154	lb-ft	1500	206	mm3/stroke				CCV
84	AWF	.1269	I6	8.4	Liters	315	horsepower	2100	154	mm3/stroke	1154	lb-ft	1500	204	mm3/stroke				CCV
84	AWF	.1270	I6	8.4	Liters	364	horsepower	2100	176	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.1271	I6	8.4	Liters	332	horsepower	2100	163	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.1272	I6	8.4	Liters	375	horsepower	2100	182	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.1273	I6	8.4	Liters	351	horsepower	2100	169	mm3/stroke	1223	lb-ft	1500	214	mm3/stroke				CCV
84	AWF	.1274	I6	8.4	Liters	330	horsepower	2100	158	mm3/stroke	1177	lb-ft	1500	208	mm3/stroke				CCV
84	AWF	.1275	I6	8.4	Liters	300	horsepower	2100	145	mm3/stroke	1069	lb-ft	1500	190	mm3/stroke				CCV
84	AWF	.1276	I6	8.4	Liters	276	horsepower	2100	133	mm3/stroke	1000	lb-ft	1500	180	mm3/stroke				CCV
84	AWF	.1277	I6	8.4	Liters	370	horsepower	2100	176	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.1278	I6	8.4	Liters	330	horsepower	2100	163	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.1281	I6	8.4	Liters	335	horsepower	2100	166	mm3/stroke	1107	lb-ft	1500	196	mm3/stroke				CCV
84	AWF	.1282	I6	8.4	Liters	300	horsepower	2100	145	mm3/stroke	1107	lb-ft	1500	196	mm3/stroke				CCV
84	AWF	.1283	I6	8.4	Liters	280	horsepower	2100	154	mm3/stroke	1154	lb-ft	1500	204	mm3/stroke				CCV
84	AWF	.1284	I6	8.4	Liters	362	horsepower	2100	176	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
84	AWF	.1285	I6	8.4	Liters	375	horsepower	2100	186	mm3/stroke	1230	lb-ft	1500	218	mm3/stroke				CCV
98	AWF	.1301	I7	9.8	Liters	425	horsepower	2100	177	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
98	AWF	.1302	I7	9.8	Liters	399	horsepower	2100	166	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
98	AWF	.1303	I7	9.8	Liters	375	horsepower	2100	156	mm3/stroke	1390	lb-ft	1500	210	mm3/stroke				CCV
98	AWF	.1304	I7	9.8	Liters	399	horsepower	2100	166	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
98	AWF	.1305	I7	9.8	Liters	430	horsepower	2100	180	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
98	AWF	.1306	I7	9.8	Liters	460	horsepower	2100	196	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
98	AWF	.1307	I7	9.8	Liters	489	horsepower	2100	214	mm3/stroke	1477	lb-ft	1500	224	mm3/stroke				CCV
98	AWF	.1330	I7	9.8	Liters	375	horsepower	1700	187	mm3/stroke	1251	lb-ft	1275	197	mm3/stroke				CCV
98	AWF	.1331	I7	9.8	Liters	400	horsepower	1700	198	mm3/stroke	1331	lb-ft	1275	213	mm3/stroke				CCV
98	AWF	.1332	I7	9.8	Liters	425	horsepower	1700	214	mm3/stroke	1416	lb-ft	1275	227	mm3/stroke				CCV
98	AWF	.1351	I7	9.8	Liters	430	horsepower	1900	198	mm3/stroke	1400	lb-ft	1400	222	mm3/stroke				CCV