

Pursuant to the authority vested in the California Air Resources Board by 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: The engines and emission control systems produced by the manufacturer as described below are certified 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	Combustion Cycle	Fuel Operation	Fuel Type(s)	Engine Operation
2025	SCPXL09.3HTF	Diesel	Dedicated	Diesel	Variable and Constant Speed

Emission Control Systems	Special Features
[1,2,3]: Electronic Direct Injection (DDI), Charged Air Cooler (CAC), Exhaust Gas Recirculation (EGR), Electronic Control Module (ECM), Turbocharger (TC), Diesel Oxidation Catalyst (DOC), Periodic Trap Oxidizer (PTOX), Selective Catalytic Reduction – Urea (SCR-U), Ammonia Oxidation Catalyst (AMOX).	None

The certified engine models are attached.

The listed engine models comply with the following: 1) emission standard limits (STD) and Not-To-Exceed (NTE) limits, as applicable, for criteria pollutants non-methane hydrocarbons (NMHC), nitrogen oxides (NOx), carbon monoxide (CO), and particulate matter (PM), and for smoke opacity as demonstrated during the Acceleration (ACL) and Lugging (LUG) modes, and the peak value (PEAK) in either mode of the Smoke Opacity cycle, as set forth in 13 CCR 2423 and the applicable California test procedures for off-road compression-ignition engines, and 2) family emission limits (FEL) declared by the manufacturer as allowed by the applicable California test procedures, stated in units of gram per kilowatt-hour (g/kW-hr) and percent opacity (%opacity), respectively, except as noted, or designated as not applicable (*).

Applicable Standard		Criteria				Smoke Opacity		
		NMHC	NOx	CO	PM	ACL	LUG	PEAK
Tier 4 Final 130 ≤ kW ≤ 560	STD	0.19	0.40	3.5	0.02	*	*	*
	FEL	*	*	*	0.01	*	*	*
	NTE	0.28	0.60	4.4	0.02	*	*	*

BE IT FURTHER RESOLVED: Any declared FEL is the emission limit to which all engines must comply in lieu of the standard limit for certification purposes, subject to the restrictions of averaging, banking, or trading (ABT) programs allowed by the applicable California test procedures.

BE IT FURTHER RESOLVED: For the listed engine models, the manufacturer has submitted materials to demonstrate certification compliance with 13 CCR 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control warranty).

BE IT FURTHER RESOLVED: The listed engine models may only be installed in or on equipment such that engine operation is consistent with off-road compression-ignition engines as defined in 13 CCR 2421(a)(39).

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

Executed on this 24th day of April 2024.



Robin U. Lang, Chief
 Emissions Certification and Compliance Division

ATTACHMENT: ENGINE MODELS

Family: SCPXL09.3HTF EO Number: U-R-001-0693 Date Applicable: 04/02/2024

Model	Code	Trim	Config	Displacement	Peak Power			Peak Torque			ECS Num	GHG	Notes
					Power	Speed	Fueling	Torque	Speed	Fueling			
			-	L	hp	rpm	lb/hr	lb-ft	rpm	lb/hr	-	-	-
C9.3	Cert Test 1	NA	I6	9.28	325	1800	116.3	1260	1200	98.1	3	N/A	
C9.3	1	NA	I6	9.28	268	2150	100	881	1400	81.2	1	N/A	
C9.3	2	NA	I6	9.28	299	2200	109.9	1006	1400	88.4	1	N/A	
C9.3	3	NA	I6	9.28	325	2200	119.7	1090	1400	97.3	1	N/A	
C9.3	4	NA	I6	9.28	349	2200	129.9	1174	1400	105.4	1	N/A	
C9.3	5	NA	I6	9.28	388	2200	142.5	1269	1400	113.1	1	N/A	
C9.3	6	NA	I6	9.28	232	2000	87	850	1000	55.8	1	N/A	
C9.3	6A	NA	I6	9.28	232	2000	87	850	1000	55.8	1	N/A	
C9.3	6B	NA	I6	9.28	232	2000	87	850	1400	55.8	1	N/A	
C9.3	7	NA	I6	9.28	253	2000	93.3	930	1000	61.6	1	N/A	
C9.3	7A	NA	I6	9.28	253	2000	93.3	930	1000	61.6	1	N/A	
C9.3	7B	NA	I6	9.28	253	2000	93.3	930	1000	61.6	1	N/A	
C9.3	7C	NA	I6	9.28	253	2000	93.3	930	1000	61.6	1	N/A	
C9.3	8	NA	I6	9.28	274	2000	98.4	1010	1000	66.2	1	N/A	
C9.3	8A	NA	I6	9.28	274	2000	98.4	1010	1000	66.2	1	N/A	
C9.3	8B	NA	I6	9.28	274	2000	98.4	1010	1000	66.2	1	N/A	
C9.3	9	NA	I6	9.28	295	2000	104.9	1090	1000	71.2	1	N/A	
C9.3	10	NA	I6	9.28	296	2200	114.2	1166	1200	88.7	1	N/A	
C9.3	11	NA	I6	9.28	299	2200	115.8	1261	1200	96.4	1	N/A	
C9.3	12	NA	I6	9.28	303	2050	109.4	1263	1200	97.1	1	N/A	
C9.3	13	NA	I6	9.28	314	1800	111	1154	1300	96.6	1	N/A	
C9.3	14	NA	I6	9.28	221	2000	83.2	1022	1100	74.4	2	N/A	
C9.3	14A	NA	I6	9.28	221	2000	83.2	1022	1100	74.4	2	N/A	
C9.3	15	NA	I6	9.28	311	1800	110	1029	1400	93.9	2	N/A	
C9.3	15A	NA	I6	9.28	311	1800	110	1029	1400	93.9	2	N/A	
C9.3	16	NA	I6	9.28	325	1800	115.6	1262	1200	97.4	1	N/A	
C9.3	17	NA	I6	9.28	325	1800	115.6	1262	1200	97.4	1	N/A	
C9.3	18	NA	I6	9.28	221	2000	83.2	1022	1100	74.4	2	N/A	
C9.3	19	NA	I6	9.28	224	2200	82.6	1103	1200	85.4	2	N/A	
C9.3	20	NA	I6	9.28	325	2000	113.3	1094	1400	98	1	N/A	
C9.3	21	NA	I6	9.28	311	1800	110	1029	1400	93.9	2	N/A	
C9.3	22	NA	I6	9.28	307	2050	114.8	1712	1200	97.3	1	N/A	
C9.3	23	NA	I6	9.28	299	2200	115.8	1710	1200	96.4	1	N/A	