



ACCEPT: ☒
Signature: <i>[Signature]</i>
Date: 09/13/2021

EMISSIONS COMPLIANCE CENTER TEST SUMMARY

Lab Manager: Dan Ogden

Prepared by: Ian Enderby

09/17/2020

The SEMA Emissions Compliance Center is a Certification Ready Automotive Emissions Testing Laboratory located in Diamond Bar, California at 1577 Valley Vista Drive. The lab is equipped with a 48" AVL-Zollner 2 wheel-drive chassis dynamometer, AVL i60 CVS System, AVL i60 AMA emissions analyzer bench with HC, NO_x, CO, CO₂ and CH₄ analyzers, Dilution Tunnel with AVL SPC 478 Particulate Matter (PM) Sampler, and an AVL 4-station Canister Loading Bench.

Client: BD Diesel

Contact: Christian Roth (christian.roth@bddiesel.com)

Device Under Test: Screamer Performance Turbo 11-16 6.6L GM Duramax LML

Part #: 1045830

Test Vehicle: 2015 Chevrolet Silverado

VIN: 1GC1KVE88F631191

Engine: 6.6L Turbodiesel

Test Group: FGMXD06.6355

CA Emissions Category: LEV2 ULEV

EPA Emissions Category: HDV

OBD SUMMARY

Date	Mileage	Report Type	Misfire	Fuel System	Component	NMHC Catalyst	NOx Aftertreatment	Boost Pressure	Exhaust Gas Sensor	PM Filtering	EGR/VVT	MIL Status	OBD Codes
8/20/2020	52624	OBD Clear	I	I	C	I	I	I	I	I	I	OFF	None
9/11/2020	53896	Post-Mileage	C	C	C	C	C	C	C	C	C	OFF	None
9/16/2020	53995	Post-Test	C	C	C	C	C	C	C	C	C	OFF	None

C=Monitor Complete

I=Monitor Incomplete

RESULTS SUMMARY (LEV2 Standards)

Full DFs				
NMHC	NOX	CO	PM	HCHO
0.0536	0	0.36	0.001	0

Vehicle Mileage=	53930
Ex. Useful Life=	120000
UL Factor=	0.430

	NMHC	NOx	NMHC+NOx	CO	PM	HCHO
FTP Test Result #1	0.0173	0.1223		0.3066	0.0006	0.0003
FTP Test Result #2	0.012	0.1301		0.2918	0.0006	0.0002
FTP Average	0.0147	0.1262		0.2992	0.0006	0.0003
DAF	0	0.044		0	0.001	
Additive DF	0.0305	0.0000		0.2050	0.0006	0.0000
Result	0.0452	0.1702	0.2154	0.5042	0.0022	0.0003

	NMHC	NOx	CO	PM	HCHO*
FTP UL Std.	0.143	0.2	6.4	0.06	16
Final Result	0.045	0.17	0.5	0.002	0.3
% of Std	31.6%	85.1%	7.9%	3.6%	1.6%
PASS/FAIL	PASS	PASS	PASS	PASS	PASS