

Laboratory Horiba India Private Limited-Technical Centre, D-225, Chakan MIDC Phase-II, Bhamboli Village, Chakan, Pune, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8160

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Validity 30.11.2018 to 29.11.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**CHEMICAL TESTING**

I.	<b>ATMOSPHERIC POLLUTION</b>			
1.	<b>Vehicle Emissions (Internal Combustion Engine)</b>			
1.	<b>Engine Performance Test</b>	Power	ISO 1582 – 1992, Road Vehicle – Engine Test Code – Net Power	1 kW to 180 kW 1 kW to 380 kW
2.	<b>Automotive Engine Emission Test (Exhaust Emission)</b>	CO(L)	MORTH/CMVR/TAP/115/116/Chapter3/March2010	1 ppm to 5000 ppm
		HC		1 ppm to 50000 ppmC
		NOx		1 ppm to 2500 ppm
		PM		0.005 mg to 2000 mg
		NH <sub>3</sub>		1 ppm to 1000 ppm
		CH <sub>4</sub>		1 ppm to 25000 ppmC
		CO(H)		0.1% to 12 %
		O <sub>2</sub>		0.1% to 25 %
		CO <sub>2</sub>		0.1% to 20 %
	Opacity	1% to 100 %/ 1 m-1 to 10 m-1		