National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENGINE EMISSION LAB, SIMPSON & CO. LTD, HUZUR GARDENS, SEMBIAM, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8869 **Page No** 1 of 2

Validity 30/04/2022 to 29/04/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engine	NOx	ECE - R - 96.05
2	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engine	THC	ECE - R - 96.05
3	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	CO	ISO 8178 (Part-4)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Fuel Consumption	ISO 14396
5	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Fuel Consumption	MoRTH/CMVR/TAP/115/116 (Issue No. 4)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	NOx	ISO 8178 (Part-4)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Particulate Matter	CFR Title 40: (Part 1065), (Part 1039)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Particulate Matter	ECE - R - 96.05
9	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Particulate Matter	ISO 8178 (Part-4)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Particulate Matter	MoRTH/CMVR/TAP/115/116 (Issue No. 4)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Smoke (opacity)	MoRTH/CMVR/TAP/115/116, (Issue No. 4)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	THC	CFR Title 40: (Part 1065), (Part 1039)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	THC	ISO 8178 (Part-4)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	THC	MoRTH/CMVR/TAP/115/116 (Issue No. 4)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines)	CO	MoRTH/CMVR/TAP/115/116 (Issue No. 4)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines)	NOx	MoRTH/CMVR/TAP/115/116 (Issue No. 4)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Genset Engines	CO (measured on steady state cycle)	ISO 8178 (Part-4)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Genset Engines	Fuel Consumption	ISO 8178 (Part-4)

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Genset Engines	NOx (measured on steady state cycle)	ISO 8178 (Part-4)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Genset Engines	Particulate Matter (measured on steady state cycle)	ISO 8178 (Part-4)
21	CHEMICAL- ATMOSPHERIC POLLUTION	Genset Engines	Smoke (opacity)	ISO 8178 (Part-4)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Genset Engines	THC (measured on steady state cycle)	ISO 8178 (Part-4)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Test On Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	CO	CFR Title 40: (Part 1065), (Part 1039)
24	CHEMICAL- ATMOSPHERIC POLLUTION	Test On Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	CO	ECE - R - 96.05
25	CHEMICAL- ATMOSPHERIC POLLUTION	Test On Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Fuel Consumption	ECE R 120 .02
26	CHEMICAL- ATMOSPHERIC POLLUTION	Test On Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	NOx	CFR Title 40: (Part 1065), (Part 1039)
27	MECHANICAL- AUTOMOTIVE COMPONENTS	Agricultural Tractor engines, Construction Equipment Vehicle engines & Power Tiller Engines	Power output	ISO 14396
28	MECHANICAL- AUTOMOTIVE COMPONENTS	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Power output	MoRTH/CMVR/TAP/115/116 (Issue No.4)
29	MECHANICAL- AUTOMOTIVE COMPONENTS	Agricultural Tractor Engines, Construction Equipment Vehicle Engines & Power Tiller Engines	Power Output	UNECE R 120 - 01
30	MECHANICAL- AUTOMOTIVE COMPONENTS	Genset Engines	Power output	ISO 8178