National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FORCE MOTORS LIMITED - TESTING LABORATORY, SECTOR 1, PITHAMPUR, DHAR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5262 **Page No** 1 of 2

Validity 17/03/2022 to 16/03/2024 **Last Amended on** 26/07/2022

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	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Plastic Products)	Density of Plastic	ASTM D 792
2	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Plastic Products)	Glass Content of Plastic	DIN EN ISO 1172, Method A
3	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Plastic Products)	Shore Hardness D	ASTM D 2240 Rev. e1
4	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Rubber Products)	Resistance to Heat Ageing (Change in Hardness)	ASTM D 573-04
5	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Rubber Products)	% Compression Set of Rubber	ASTM D 395 Rev. e1, Method B
6	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Rubber Products)	Ash Content of Rubber	ASTM D 297
7	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Rubber Products)	Density of Rubber	ASTM D 297
8	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Rubber Products)	Elongation %	ASTM D 412
9	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Rubber Products)	Resistance to Liquids (Change in Hardness)	ASTM D 471
10	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Rubber Products)	Resistance to Liquids (Change in Volume)	ASTM D 471
11	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Rubber Products)	Shore Hardness A	ASTM D 2240 Rev. e1
12	MECHANICAL-AUTOMOTIVE COMPONENTS	Component Testing (Rubber Products)	Tensile Strength	ASTM D 412
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness HBW 2.5/187.5	IS 1500 PART 1

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness HBW10/3000	IS 1500 PART 1
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRA)	IS 1586 PART 1
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRBW)	IS 1586 PART 1
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRC)	IS 1586 PART 1
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness (HV1)	IS 1501 PART 1