National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MICROTEK FORGINGS LABORATORY (A UNIT OF BAJAJ MOTORS LTD.), PLOT NO - 127, SEC-6, IMT, BAWAL, REWARI, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9271 **Page No** 1 of 2

Validity 15/02/2021 to 14/02/2023 **Last Amended on** 08/09/2022

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	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	Al%	ASTM E 415-17
2	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	C%	ASTM E 415-17
3	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	Cr%	ASTM E 415-17
4	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	Cu%	ASTM E 415-17
5	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	Mn%	ASTM E 415-17
6	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	Mo%	ASTM E 415-17
7	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	Ni%	ASTM E 415-17
8	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	P%	ASTM E 415-17
9	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	s%	ASTM E 415-17
10	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	Si%	ASTM E415-17
11	CHEMICAL- METALS & ALLOYS	Ferrous & steel alloys round bars and forged parts for automotive industries	V%	ASTM E 415-17
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & steel alloys round bars and forged parts for automotive industries	% ELONGATION	IS 1608 PART-1
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & steel alloys round bars and forged parts for automotive industries	BRINELL HARDNESS 10/3000 HBW	IS 1500 Part 1
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & steel alloys round bars and forged parts for automotive industries	Brinell Hardness 5/750 HBW	IS1500
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & steel alloys round bars and forged parts for automotive industries	Charpy Impact test (U - Notch at ambient temperature)	IS 1757
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & steel alloys round bars and forged parts for automotive industries	ROCKWELL HARDNESS	IS 1586 PART1

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MICROTEK FORGINGS LABORATORY (A UNIT OF BAJAJ MOTORS LTD.), PLOT NO - 127, SEC-6, IMT, BAWAL, REWARI, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9271 **Page No** 2 of 2

Validity 15/02/2021 to 14/02/2023 **Last Amended on** 08/09/2022

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
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & steel alloys round bars and forged parts for automotive industries	ROCKWELL HARDNESS TEST	IS 1586 PART1
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & steel alloys round bars and forged parts for automotive industries	TENSILE STRENGTH	IS 1608 PART-1
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & steel alloys round bars and forged parts for automotive industries	YIELD STRENGTH	IS 1608 PART-1
20	MECHANICAL-METALLOGRAPHY TEST	Ferrous & steel alloys round bars and forged parts for automotive industries	ESTIMATION OF DEPTH OF DECARURIZATION LAYER	IS 6396
21	MECHANICAL-METALLOGRAPHY TEST	Ferrous & steel alloys round bars and forged parts for automotive industries	GRAIN SIZE(By Comparision Method)	ASTM E 112
22	MECHANICAL-METALLOGRAPHY TEST	Ferrous & steel alloys round bars and forged parts for automotive industries	INCLUSION RATING (Comparison procedure by Microscopic method)	IS 4163
23	MECHANICAL-METALLOGRAPHY TEST	Ferrous & steel alloys round bars and forged parts for automotive industries	MICRO STRUCTURE	ASM vol - 9