National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : THE HI-TECH GEARS LTD., A-588, 589 INDUSTRIAL COMPLEX, BHIWADI, ALWAR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8388 **Page No** 1 of 1

Validity 21/07/2022 to 20/07/2024 **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	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon & Low Allow Steel	Rockwell Hardness Testing	IS 1586-Part 1
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon & Low Alloy Steel	Brinell Hardness Testing	IS 1500-Part1
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon & Low Alloy Steel	Rockwell Hardness Testing	IS 1586-Part 1
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon & Low Alloy Steel	Rockwell Hardness Testing	IS:1586-Part1
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon & Low Alloy Steel	Vickers Hardness Testing-HV0.3/HV0.5/HV1	IS 6416-1988
6	MECHANICAL-METALLOGRAPHY TEST	Carbon & Low Allow Steel	Average Grain Size (By Comparison Method)	ASTM E 112
7	MECHANICAL-METALLOGRAPHY TEST	Carbon & Low Allow Steel	Effective Case Depth (By Hardness Method)	IS 6416
8	MECHANICAL-METALLOGRAPHY TEST	Carbon & Low Allow Steel	Micro Structure Examination	ASM Handbook Vol. 9
9	MECHANICAL-METALLOGRAPHY TEST	Carbon & Low Alloy Steel	Depth of Decarburized Layer (By Microscopic Method)	IS 6396-2000
10	MECHANICAL-METALLOGRAPHY TEST	Carbon & Low Alloy Steel	Inclusion Rating	ASTM E 45
11	MECHANICAL-METALLOGRAPHY TEST	Carbon & Low Alloy Steel	Macro-Structure Examination	IS 11371-1985