National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RESEARCH AND DEVELOPMENT LABORATORY, TECKNOWELD ALLOYS INDIA PRIVATE LIMITED, B-37, SIPCOT INDUSTRIAL GROWTH CENTER, SRIPERUMPUDUR, KANCHEEPURAM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8600 **Page No** 1 of 1

Validity 31/07/2022 to 30/07/2024 **Last Amended on** 03/02/2023

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	Low, Medium and High Abrasive Resistant Materials	Aluminium	IS 8811: 1998 RA
2	CHEMICAL- METALS & ALLOYS	Low, Medium and High Abrasive Resistant Materials	Manganese	IS 8811: 1998 RA
3	CHEMICAL- METALS & ALLOYS	Low, Medium and High Abrasive Resistant Materials	Molybdenum	IS 8811: 1998 RA
4	CHEMICAL- METALS & ALLOYS	Low, Medium and High Abrasive Resistant Materials	Nickel	IS 8811: 1998 RA
5	CHEMICAL- METALS & ALLOYS	Low, Medium and High Abrasive Resistant Materials	Silicon	IS 8811: 1998 RA
6	CHEMICAL- METALS & ALLOYS	Low, Medium and High Abrasive Resistant Materials	Titanium	IS 8811: 1998 RA
7	CHEMICAL- METALS & ALLOYS	Low, Medium and High Abrasive Resistant Materials	Vanadium	IS 8811: 1998 RA
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low, Medium and High Abrasive Resistant Materials	Erosion Test	ASTM G76
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low, Medium and High Abrasive Resistant Materials	Measuring Abrasion using Dry Sand/ Rubber Wheel	ASTM G65
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Low, Medium and High Abrasive Resistant Materials	Rockwell Hardness-HRC	ASTM E18
11	MECHANICAL-METALLOGRAPHY TEST	Low, Medium and High Abrasive Resistant Materials	Microstructure Analysis	IS 7739 (Part 1)