National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	VOSSLOH BEEKAY CASTINGS LIMITED, 25-28 LIGHT INDUSTRIAL AREA, DURG, CHHATTISGARH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8733	**Page No**	1 of 1
Validity	28/04/2022 to 27/04/2024	**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- METALS & ALLOYS	High Manganese Steel (Mn- 11% to 14%)	% MANGANESE	ASTM E2209
2	CHEMICAL- METALS & ALLOYS	High Manganese Steel (Mn- 11% to 14%)	% Phosphorus	ASTM E2209
3	CHEMICAL- METALS & ALLOYS	High Manganese Steel (Mn- 11% to 14%)	%Carbon	ASTM E2209
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Manganese Steel railway crossings	Brinell Hardness Test (10mm/3000kgf)	IS 1500 (Part 1)
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Manganese Steel railway crossings	Tensile (Elongation Percentage)	ISO 6892-1
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Manganese Steel railway crossings	Tensile (Yield Strength)	ISO 6892-1
7	MECHANICAL-METALLOGRAPHY TEST	High Manganese Steel railway crossings	Determining Grain Size by Comparison Method	ASTM E112
8	MECHANICAL-METALLOGRAPHY TEST	High Manganese Steel railway crossings	Micro-structure analysis	ASM Metal Handbook Vol 9
9	NON-DESTRUCTIVE-METALS & ALLOYS	Cast Manganese Steel	Liquid Penetrant (Visible Water Washable & ,solvent removable technique)	ISO 3452-1
10	NON-DESTRUCTIVE-METALS & ALLOYS	Cast Manganese Steel	Liquid Penetrant Test (Visible,Solvent Removable and water washable techniques)	ISO 3452-1
11	NON-DESTRUCTIVE-METALS & ALLOYS	Cast Manganese Steel	Radiography Flaw Detection by Co-60	ISO 5579
12	NON-DESTRUCTIVE-METALS & ALLOYS	Cast Manganese Steel	Radiography Flaw Detection by Ir-192	ISO 5579