National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL RESEARCH AND DEVELOPMENT LABORATORY, HINDUSTAN ZINC LIMITED, ZINC SMELTER DEBARI, UDAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6987 **Page No** 1 of 1

Validity 06/05/2022 to 05/05/2024 **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- SOLID FUELS	Coal	Ash	ASTM D 3174
2	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 Part -1
3	CHEMICAL- SOLID FUELS	Coal	Equilibrated Moisture (At 60% RH & 40 Deg C)	IS 1350 Part 1
4	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM D 3172
5	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 Part 1
6	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ASTM D 5865/ ASTMD 5865 M
7	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 Part- 2
8	CHEMICAL- SOLID FUELS	Coal	Moisture in Analysis Sample	ASTM D3173/ASTM D3173 M
9	CHEMICAL- SOLID FUELS	Coal	Moisture in Analysis Sample	IS 1350 Part - 1
10	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ASTM D3302/ ASTM D3302 M
11	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 Part-1
12	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ASTM D3175
13	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 Part 1
14	CHEMICAL- SOLID FUELS	Coke (Met Coke)	Ash	IS 1350 Part 1
15	CHEMICAL- SOLID FUELS	Coke (Met Coke)	Coke Reactivity Index (CRI)	IS 4023
16	CHEMICAL- SOLID FUELS	Coke (Met Coke)	Coke Strength after Reaction (CSR)	IS 4023
17	CHEMICAL- SOLID FUELS	Coke (Met Coke)	Fixed Carbon	IS 1350 Part -1
18	CHEMICAL- SOLID FUELS	Coke (Met Coke)	Sulphur	ASTM D4239
19	CHEMICAL- SOLID FUELS	Coke (Met Coke)	Total Moisture	IS 1350 Part -1
20	CHEMICAL- SOLID FUELS	Coke (Met Coke)	Volatile matter	IS 1350 Part -1