National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REFRACTORY MATERIAL TESTING LABORATORY, JHARKHAND GOVERNMENT MINI TOOL ROOM & TRAINING CENTRE, JHARKHAND GOVERNMENT TOOL ROOM, RANCHI, JHARKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9226 **Page No** 1 of 1

Validity 20/01/2021 to 19/01/2023 **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- BUILDINGS MATERIALS	REFRACTORY MATERIAL, BRICKS, SHAPES	SPALLING RESISTANCE	IS 1528(PART 3)
2	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY MATERIAL, SHAPES, BRICKS	PYROMETRIC CONE EQUIVALENT (PCE)	IS 1528(PART 1)
3	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY MATERIALS, BRICKS, SHAPES	BULK DENSITY (BD)	IS1528(PART 12)
4	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY MATERIALS, BRICKS, SHAPES	MODULES OF RUPTURE at Elevated Temperature	IS1528 (PART20)
5	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY MATERIALS, BRICKS, SHAPES	MODULUS OF RUPTURE at Ambient temperature	IS1528 (PART 5)
6	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY MATERIALS, BRICKS, SHAPES	PERMANENT LINEAR CHANGES UPTO 1650° C	IS1528 (PART 6)
7	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY MATERIALS, BRICKS, SHAPES	REFRACTORINESS UNDER LOAD (RUL)	IS1528(PART 2)
8	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY MATERIALS, BRICKS, SHAPES	TRUE DENSITY	IS1528 (PART 9)
9	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY MATERIALS, BRICKS, SHAPES, NOZAL	APPARENT POROSITY (AP)	IS1528 (PART 15)
10	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY MATERIALS, BRICKS,SHAPES	THERMAL CONDUCTIVITY	IS1528(PART 16)
11	MECHANICAL- BUILDINGS MATERIALS	REFRACTORY METERIALS	REVERSIBLE THERMAL EXPANSION (RTE) AT 1000C	IS1528(PART 19)