National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IREL (INDIA) LIMITED, RESEARCH CENTRE, BEACH ROAD, KOLLAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5974 **Page No** 1 of 2

Validity 13/09/2021 to 12/09/2023 **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	CHEMICAL- ORES & MINERALS	Mineral Sands	HEAVY MINERAL CONTENT	AS 4350 (Part 2)
2	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-ILMENITE	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
3	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-KYANITE	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
4	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-LEUCOXENE	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
5	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-RUTILE	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
6	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-SILLIMANITE	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
7	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-GARNET	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
8	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-MONAZITE	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
9	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-OTHER HEAVY MINERALS (SUM OF STAURALITE,PYROXENES,AMPHIBOLES,SPINAL,LIMONITE,BIOTITE)	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
10	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-QUARTZ	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
11	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-SHELLS	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
12	CHEMICAL- ORES & MINERALS	Mineral Sands	MINERALOGICAL ANALYSIS-ZIRCON	RC/LMS/SOP/ML/07 Issue No.02 REV NO.01
13	CHEMICAL- ORES & MINERALS	Mineral Sands	SIEVE (SIZE) ANALYSIS 106 MICRONS (140 MESH)	IS 1607
14	CHEMICAL- ORES & MINERALS	Mineral Sands	SIEVE (SIZE) ANALYSIS 150 MICRONS (100 MESH)	IS 1607
15	CHEMICAL- ORES & MINERALS	MINERAL SANDS	SIEVE (SIZE) ANALYSIS 212 MICRONS (70 MESH)	IS 1607
16	CHEMICAL- ORES & MINERALS	Mineral Sands	SIEVE (SIZE) ANALYSIS 45 MICRONS (325 MESH)	IS 1607
17	CHEMICAL- ORES & MINERALS	Mineral Sands	SIEVE (SIZE) ANALYSIS 75 MICRONS (200 MESH)	IS 1607

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18	CHEMICAL- ORES & MINERALS	Mineral Sands	SIEVE (SIZE)ANALYSIS 300 MICRONS(50 MESH)	IS 1607
19	CHEMICAL- ORES & MINERALS	TITANIUM ORES (ILMENITE,RUTILE, LEUCOXENE)	TITANIUM DIOXIDE IN TITANIUM ORES BY WET CHEMICAL	IBM MANUAL REVISED EDITION
20	CHEMICAL- ORES & MINERALS	ZIRCON	ZIRCONIUM DIOXIDE IN ZIRCON BY WET CHEMICAL	IS 10085 Clause 9.1 RA