National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IREL (INDIA) LIMITED, QUALITY CONTROL LABORATORY, MANAVALAKURICHI, NAGERCOIL, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6036 **Page No** 1 of 1

Validity 01/08/2021 to 31/07/2023 **Last Amended on** 02/09/2021

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	Garnet (Coarse)	Size analysis(+300 microns)	IS 1607
2	CHEMICAL- ORES & MINERALS	Garnet (Normal)	Size analysis (+180 micron)	IS1607
3	CHEMICAL- ORES & MINERALS	Garnet(Fines)	Size analysis (-180 microns)	IS 1607
4	CHEMICAL- ORES & MINERALS	Ilmenite	Titanium as TiO2	IBM Manual Revised Edition, Page 67-68
5	CHEMICAL- ORES & MINERALS	Mineral Sands (Ilmenite, Garnet, Rutile, Monazite, Zircon)	Garnet (Coarse)	MK/LMS/SOP/04, Issue No.2 (By Microscopic Method)
6	CHEMICAL- ORES & MINERALS	Mineral Sands (Ilmenite, Garnet, Rutile, Monazite, Zircon)	Garnet (Fines)	MK/LMS/SOP/04, Issue No.2 (By Microscopic Method)
7	CHEMICAL- ORES & MINERALS	Mineral Sands (Ilmenite, Garnet, Rutile, Monazite, Zircon)	Garnet (Normal)	MK/LMS/SOP/04, Issue No.2 (By Microscopic Method)
8	CHEMICAL- ORES & MINERALS	Mineral Sands (Ilmenite, Garnet, Rutile, Monazite, Zircon)	Ilmenite	MK/LMS/SOP/04, Issue No.2 (By Microscopic Method)
9	CHEMICAL- ORES & MINERALS	Mineral Sands (Ilmenite, Garnet, Rutile, Monazite, Zircon)	Monazite	MK/LMS/SOP/04, Issue No.2 (By Microscopic Method)
10	CHEMICAL- ORES & MINERALS	Mineral Sands (Ilmenite, Garnet, Rutile, Monazite, Zircon)	Rutile	MK/LMS/SOP/04, Issue No.2 (By Microscopic Method)
11	CHEMICAL- ORES & MINERALS	Mineral Sands (Ilmenite, Garnet, Rutile, Monazite, Zircon)	Zircon	MK/LMS/SOP/04, Issue No.2 (By Microscopic Method)
12	CHEMICAL- ORES & MINERALS	Rutile	Titanium as TiO2	IBM Manual Revised Edition, Page 67-68
13	CHEMICAL- ORES & MINERALS	Zircon	Zirconia as ZrO2	IS 10085, Clause 9