National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HEPA FILTER TESTING LABORATORY, RADIOLOGICAL & ENVIRONMENTAL SAFETY DIVISION, KALPAKKAM, KANCHIPURAM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11342 **Page No** 1 of 2

Validity 31/01/2023 to 30/01/2025 **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-PERFORMANCE/DURABILITY/ SAFETY TEST	HEPA FILTER	Air -Borne Particulate Matter (0.1 to 0.5 Micro meter particle size)	ISO 14644 -3
2	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	HEPA FILTER	Air Velocity	ISO 14644-3:
3	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	HEPA FILTER	Efficiency testing of individual HEPA filters (0.3 Micrometer Particle Size)	IAEA Technical Report Series No.122 (Ch.6)
4	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	HEPA FILTER	Filter Intergrity	ISO-14644-3

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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
Site Facility				
1	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	HEPA FILTER	Air -Borne Particulate Matter (0.1 to 0.5 Micro meter particle size)	ISO 14644 -3
2	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	HEPA FILTER	Air Velocity	ISO 14644-3:
3	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	HEPA FILTER	Efficiency testing of individual HEPA filters (0.3 Micrometer Particle Size)	IAEA Technical Report Series No.122 (Ch.6)
4	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	HEPA FILTER	Filter Intergrity	ISO-14644-3
5	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	HEPA FILTER BANK	Efficiency testing of HEPA filter assembly (0.5 Micron Meter Particle Size)	IAEA Technical Reports Series No.122: (Ch.6)
6	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	IODINE FILTER BANK	Efficiency testing of Iodine filter assembly for Iodine-131	IAEA Technical Report Series No. 243 (Ch.3)