



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name SAMEER KOLKATA CENTRE, R & D LABORATORY, MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY, GOVT. OF INDIA, PLOT - L2, BLOCK - GP, SALT LAKE ELECTRONICS COMPLEX, SECTOR - V, SALT LAKE, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-8298 Page No. : 1 / 2

Validity 18/01/2019 to 17/01/2021 Last Amended on -

'In view of the transition deadline for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020.'

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
<b>Permanent Facility</b>					
1	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Conducted Emission	CISPR 32 (edition 2.0): 2015	150 kHz to 30 MHz
2	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Conducted Emission	CISPR 14-1 (edition 6.0): 2016	150 kHz to 30 MHz
3	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Conducted Emission	CISPR 11 (edition 6.0): 2015	150 kHz to 30 MHz
4	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Electrical fast transient / burst immunity test	IEC 61000-4-4 (edition 3.0): 2012	Qualitative(Upto +/- 4 kV)
5	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Electrostatic Discharge Immunity Test	IEC 61000-4-2 (edition 2.0): 2008	Qualitative(Upto +/- 8 kV in Contact Discharge and Upto +/- 15 kV in Air Discharge)
6	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Immunity to conducted disturbance induced by radio-frequency fields	IEC 61000-4-6 (edition 4): 2013	150 kHz to 80 MHz
7	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Power frequency magnetic field immunity test	IEC 61000-4-8 (edition 2.0): 2009	1 A/m to 100 A/m
8	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Radiated Emission	CISPR 11 (edition 6.0): 2015	30 MHz to 6 GHz
9	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Radiated Emission	CISPR 32 (edition 2.0): 2015	30 MHz to 6 GHz
10	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Radiated Emission	CISPR 14-1 (edition 6.0): 2016	30 MHz to 1 GHz



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name	SAMEER KOLKATA CENTRE, R & D LABORATORY, MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY, GOVT. OF INDIA, PLOT - L2, BLOCK - GP, SALT LAKE ELECTRONICS COMPLEX, SECTOR - V, SALT LAKE, KOLKATA, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2005		
Certificate Number	TC-8298	Page No. :	2 / 2
Validity	18/01/2019 to 17/01/2021	Last Amended on	-

'In view of the transition deadline for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020.'

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
11	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Radiated, radio-frequency, electromagnetic field immunity test	IEC 61000-4-3 (edition 3.2): 2010	80 MHz to 6 GHz
12	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic product	Surge immunity test	IEC 61000-4-5 (edition 3.0): 2017	Qualitative(Upto +/- 4 kV)