



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## CERTIFICATE OF ACCREDITATION

### TUV INDIA PVT. LTD.

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2005**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1,  
BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

in the field of

**TESTING**

Certificate Number: TC-5237

Issue Date: 13/01/2019

Valid Until: 12/01/2021

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

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Signed for and on behalf of NABL



Anil Relia  
Chief Executive Officer



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## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 1 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Abnormal operations	IS 302 (Part 2/ Sec 3) Cl. No. 19: 2007	25 °C to 300 °C
2	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Clearance , Creepage distance & Solid Insulation	IS 302 (Part 2/ Sec 3) Cl. No. 29: 2007	0.01 mm to 150 mm
3	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Clearance , Creepage distance & Solid Insulation	IS 302 (Part 2/ Sec 3) Cl. No. 29: 2007	100 V to 7 kV
4	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Clearance , Creepage distance & Solid Insulation	IS 302 (Part 2/ Sec 3) Cl. No. 29: 2007	25 ° to 300 °
5	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Construction	IS 302 (Part 2/ Sec 3) Cl. No. 22: 2007	0.01 N to 500 N
6	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Construction	IS 302 (Part 2/ Sec 3) Cl. No. 22: 2007	0.01 mm to 150 mm
7	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Construction	IS 302 (Part 2/ Sec 3) Cl. No. 22: 2007	10 cNm to 500 cNm



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 2 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
8	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Construction	IS 302 (Part 2/ Sec 3) Cl. No. 22: 2007	25 °C to 300 °C
9	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Electrostatic Discharge (ESD) test	IS 14700 (Part 4 / Sec 2) Cl.No.19.11.4.1: 2018	Qualitative
10	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Fast Transient Burst test	IS 14700 (Part 4 / Sec 4) Cl.No.19.11.4.3: 2018	Qualitative
11	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Internal wiring	IS 302 (Part 2/ Sec 3) Cl. No. 23: 2007	0.01 kV (AC & DC) to 5.00 kV (AC & DC)
12	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Leakage Current - Electric Strength	IS 302 (Part 2/ Sec 3) Cl. No. 16: 2007	0.01 mA to 50 mA
13	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Leakage Current Electric Strength	IS 302 (Part 2/ Sec 3) Cl. No. 16: 2007	0.01 kV to 5 kV
14	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Leakage Current & Electric Strength at Operating Temperature	IS 302 (Part 2/ Sec 3) Cl. No. 13: 2007	0.01 kV to 5 kV (AC & DC)



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 3 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
15	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Leakage Current & Electric Strength at Operating Temperature	IS 302 (Part 2/ Sec 3) Cl. No.13: 2007	0.01 mA to 50 mA
16	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Mechanical strength	IS 302 (Part 2/ Sec 3) Cl. No. 21: 2007	Qualitative
17	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Moisture Resistance Test	IS 302 (Part 2/ Sec 3) Cl. No. 15: 2007	10 % RH to 98 % RH
18	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Moisture Resistance Test	IS 302 (Part 2/ Sec 3) Cl. No. 15: 2007	-40 °C to 180 °C
19	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Power Input and Current	IS 302 (Part 2/ Sec 3) Cl. No. 10: 2007	0.15 V to 600 V
20	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Power Input and Current	IS 302 (Part 2/ Sec 3) Cl. No. 10: 2007	0.2 mW to 3000 W
21	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Protection Against Access to Live Parts	IS 302 (Part 2/ Sec 3) Cl. No.8: 2007	Qualitative



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 4 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
22	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Provision for earthing	IS 302 (Part 2/ Sec 3) Cl. No. 27: 2007	0.001 Ohms to 0.600 Ohms
23	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Resistance to heat , Fire and tracking	IS 302 (Part 2/ Sec 3) Cl. No. 30: 2007	500 °C to 960 °C
24	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Stability and mechanical strength	IS 302 (Part 2/ Sec 3) Cl. No. 20: 2007	1 ° to 20 °
25	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Supply connection and external flexible cords	IS 302 (Part 2/ Sec 3) Cl. No. 25: 2007	0 cNm to 100 cNm
26	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Supply connection and external flexible cords	IS 302 (Part 2/ Sec 3) Cl. No. 25: 2007	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
27	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Supply connection and external flexible cords	IS 302 (Part 2/ Sec 3) Cl. No. 25: 2007	0.01 N to 500 N
28	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Supply connection and external flexible cords	IS 302 (Part 2/ Sec 3) Cl. No. 25: 2007	Qualitative



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 5 / 108

Validity 13/01/2019 to 12/01/2021 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.'

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29	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Temperature Rise	IS 302 (Part 2/ Sec 3) Cl. No. 11: 2007	25 °C to 300 °C
30	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Terminals for external conductors	IS 302 (Part 2/ Sec 3) Cl. No. 26: 2007	0.01 mm to 150 mm
31	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Terminals for external conductors	IS 302 (Part 2/ Sec 3) Cl. No. 26: 2007	10 N to 500 N
32	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Transient Over Voltages	IS 302 (Part 2/ Sec 3) Cl. No. 14: 2007	100 V to 7 kV
33	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Verification of Marking and instructions	IS 302 (Part 2/ Sec 3) Cl. No. 7: 2007	Qualitative
34	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Voltage dips and Interruption	IS 14700 (Part 4 / Sec 11): 2018	Qualitative
35	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Abnormal Operation	IS 302 (Part 2/Sec 14) Cl. No. 19: 2009	25 °C to 300 °C



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 6 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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36	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Clearances, creepage distances and solid insulation	IS 302 (Part 2/Sec 14) Cl. No. 29: 2009	0.01 mm to 150 mm
37	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Construction	IS 302 (Part 2/Sec 14) Cl. No. 22: 2009	0.01 mm to 150 mm
38	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Construction	IS 302 (Part 2/Sec 14) Cl. No. 22: 2009	0.01 N to 500 N
39	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Construction	IS 302 (Part 2/Sec 14) Cl. No. 22: 2009	10 cNm to 500 cNm
40	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Construction	IS 302 (Part 2/Sec 14) Cl. No. 22: 2009	25 °C to 300 °C
41	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Heating	IS 302 (Part 2/Sec 14) Cl. No. 11: 2009	25 °C to 300 °C
42	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Internal wiring	IS 302 (Part 2/Sec 14) Cl. No. 23: 2009	Qualitative



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 7 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
43	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Leakage current and electric strength	IS 302 (Part 2/Sec 14) Cl. No. 16: 2009	0.01 kV to 5 kV (AC & DC)
44	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Leakage current and electric strength	IS 302 (Part 2/Sec 14) Cl. No. 16: 2009	0.01 mA to 50 mA
45	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Leakage current and electric strength at operating Temperature	IS 302 (Part 2/Sec 14) Cl. No. 13: 2009	0.01 kV to 5 kV
46	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Leakage current and electric strength at operating Temperature	IS 302 (Part 2/Sec 14) Cl. No. 13: 2009	0.01 mA to 50 mA
47	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Marking and instructions	IS 302 (Part 2/Sec 14) Cl. No. 7: 2009	Qualitative
48	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Mechanical strength	IS 302 (Part 2/Sec 14) Cl. No. 21: 2009	0.01 N to 500 N
49	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Moisture resistance	IS 302 (Part 2/Sec 14) Cl. No.15: 2009	10 % RH to 98 % RH





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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 8 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
50	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Moisture resistance	IS 302 (Part 2/Sec 14) Cl. No.15: 2009	-40 °C to 180 °C
51	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Overload protection of transformers and associated circuits	IS 302 (Part 2/Sec 14) Cl. No.17: 2009	25 °C to 300 °C
52	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Power input and current	IS 302 (Part 2/Sec 14) Cl. No.10: 2009	0.15 V to 600 V
53	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Power input and current	IS 302 (Part 2/Sec 14) Cl. No.10: 2009	0.2 mW to 3000 W
54	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Protection against access to live parts	IS 302 (Part 2/Sec 14) Cl. No.8: 2009	Qualitative
55	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Provision for earthing	IS 302 (Part 2/Sec 14) Cl. No.27: 2009	0.001 Ohm to 0.600 Ohm
56	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Resistance to heat and fire	IS 302 (Part 2/Sec 14) Cl. No.30: 2009	25 °C to 999 °C



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 9 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
57	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Resistance to Rusting	IS 302 (Part 2/Sec 14) Cl. No.31: 2009	Qualitative
58	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Screws and connections	IS 302 (Part 2/Sec 14) Cl. No.28: 2009	10 cNm to 500 cNm
59	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Stability and mechanical hazards	IS 302 (Part 2/Sec 14) Cl. No.20: 2009	1 ° to 20 °
60	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Supply connections and external flexible cord	IS 302 (Part 2/Sec 14) Cl. No.25: 2009	0.01 N to 500 N
61	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Supply connections and external flexible cord	IS 302 (Part 2/Sec 14) Cl. No.25: 2009	0.01 kV to 5 kV (AC & DC)
62	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Supply connections and external flexible cord	IS 302 (Part 2/Sec 14) Cl. No.25: 2009	10 cNm to 500 cNm
63	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Kitchen Machines	Transient over voltages	IS 302 (Part 2/Sec 14) Cl. No.14: 2009	100 V to 7 kV



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 10 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
64	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Clearance creepage distances and solid insulation	EN 60335 (Part 2/Sec 25) Cl. No. 29: 2012	0.01 mm to 150 mm
65	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Clearance creepage distances and solid insulation	IEC 60335 (Part 2/Sec 25) Cl. No. 29: 2010	0.01 mm to 150 mm
66	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Clearance creepage distances and solid insulation	IS 302 (Part 2/ Sec 25) Cl. No. 29: 2014	0.01 mm to 150 mm
67	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Heating	EN 60335 (Part 2/Sec 25) Cl. No. 11: 2012	25 °C to 300 °C
68	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Heating	IEC 60335 (Part 2/Sec 25) Cl. No. 11: 2010	25 °C to 300 °C
69	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Heating	IS 302 (Part 2/ Sec 25) Cl. No. 11: 2014	25 °C to 300 °C
70	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Internal wiring	EN 60335 (Part 2/Sec 25) Cl. No. 23: 2012	Qualitative



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Certificate Number TC-5237 Page No. : 11 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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71	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Internal wiring	IEC 60335 (Part 2/Sec 25) Cl. No. 23: 2010	Qualitative
72	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Internal wiring	IS 302 (Part 2/ Sec 25) Cl. No. 23: 2014	Qualitative
73	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage current and Electric Strength	EN 60335 (Part 2/Sec 25) Cl. No. 16: 2012	0.01 kV to 5 kV (AC & DC)
74	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage current and Electric Strength	EN 60335 (Part 2/Sec 25) Cl. No. 16: 2012	0.01 mA to 50 mA
75	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage current and Electric Strength	IEC 60335 (Part 2/Sec 25) Cl. No. 16: 2010	0.01 kV to 5 kV (AC & DC)
76	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage current and Electric Strength	IEC 60335 (Part 2/Sec 25) Cl. No. 16: 2010	0.01 mA to 50 mA
77	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage current and Electric Strength	IS 302 (Part 2/ Sec 25) Cl. No. 16: 2014	0.01 kV to 5 kV (AC & DC)



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 12 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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78	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage current and Electric Strength	IS 302 (Part 2/ Sec 25) Cl. No. 16: 2014	0.01 mA to 50 mA
79	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage Current and electric strength at Operating Temperature	EN 60335 (Part 2/Sec 25) Cl. No. 13: 2012	0.01 kV to 5 kV (AC & DC)
80	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage Current and electric strength at Operating Temperature	EN 60335 (Part 2/Sec 25) Cl. No. 13: 2012	0.01 mA to 50 mA
81	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage Current and electric strength at Operating Temperature	IEC 60335 (Part 2/Sec 25) Cl. No. 13: 2010	0.01 kV to 5 kV (AC & DC)
82	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage Current and electric strength at Operating Temperature	IEC 60335 (Part 2/Sec 25) Cl. No. 13: 2010	0.01 mA to 50
83	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage Current and electric strength at Operating Temperature	IS 302 (Part 2/ Sec 25) Cl. No. 13: 2014	0.01 kV to 5 kV (AC & DC)
84	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Leakage Current and electric strength at Operating Temperature	IS 302 (Part 2/ Sec 25) Cl. No. 13: 2014	0.01 mA to 50 mA



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 13 / 108

Validity 13/01/2019 to 12/01/2021 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
85	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Moisture Resistance Test	EN 60335 (Part 2/Sec 25) Cl. No. 15: 2012	10 % RH to 98 % RH
86	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Moisture Resistance Test	EN 60335 (Part 2/Sec 25) Cl. No. 15: 2012	-40 °C to 180 °C
87	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Moisture Resistance Test	IEC 60335 (Part 2/Sec 25) Cl. No. 15: 2010	10 % RH to 98 % RH
88	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Moisture Resistance Test	IEC 60335 (Part 2/Sec 25) Cl. No. 15: 2010	-40 °C to 180 °C
89	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Moisture Resistance Test	IS 302 (Part 2/ Sec 25) Cl. No. 15: 2014	10 % RH to 98 % RH
90	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Moisture Resistance Test	IS 302 (Part 2/ Sec 25) Cl. No. 15: 2014	-40 °C to 180 °C
91	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Overload Protection of transformer and associated circuits	EN 60335 (Part 2/Sec 25) Cl. No. 17: 2012	25 °C to 300 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 14 / 108

Validity 13/01/2019 to 12/01/2021 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
92	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Overload Protection of transformer and associated circuits	IEC 60335 (Part 2/Sec 25) Cl. No.17: 2010	25 °C to 300 °C
93	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Overload Protection of transformer and associated circuits	IS 302 (Part 2/ Sec 25) Cl. No. 17: 2014	25 °C to 300 °C
94	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Power Input and Current	EN 60335 (Part 2/Sec 25) Cl. No. 10: 2012	0.15 V to 600 V
95	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Power Input and Current	EN 60335 (Part 2/Sec 25) Cl. No. 10: 2012	0.2 mW to 3000 W
96	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Power Input and Current	EN 60335 (Part 2/Sec 25) Cl. No. 10: 2012	1 mA to 20 A
97	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Power Input and Current	IEC 60335 (Part 2/Sec 25) Cl. No. 10: 2010	0.15 V to 600 V
98	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Power Input and Current	IEC 60335 (Part 2/Sec 25) Cl. No. 10: 2010	0.2 mW to 3000 W



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 15 / 108

Validity 13/01/2019 to 12/01/2021 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
99	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Power Input and Current	IEC 60335 (Part 2/Sec 25) Cl. No. 10: 2010	1 mA to 20 A
100	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Power Input and Current	IS 302 (Part 2/ Sec 25) Cl. No. 10: 2014	0.15 V to 600 V
101	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Power Input and Current	IS 302 (Part 2/ Sec 25) Cl. No. 10: 2014	0.2 mW to 3000 W
102	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Power Input and Current	IS 302 (Part 2/ Sec 25) Cl. No. 10: 2014	1 mA to 20 A
103	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Protection Against access to live parts	EN 60335 (Part 2/Sec 25) Cl. No. 8: 2012	Qualitative
104	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Protection Against access to live parts	IEC 60335 (Part 2/Sec 25) Cl. No. 8: 2010	Qualitative
105	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Protection Against access to live parts	IS 302 (Part 2/ Sec 25) Cl. No. 8: 2014	Qualitative





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 16 / 108

Validity 13/01/2019 to 12/01/2021 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
106	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Provision For Earthing	EN 60335 (Part 2/Sec 25) Cl. No.27: 2012	0.001 to 0.600
107	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Provision For Earthing	IEC 60335 (Part 2/Sec 25) Cl. No.27: 2010	0.001 Ohm to 0.600 Ohm
108	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Provision For Earthing	IS 302 (Part 2/ Sec 25) Cl. No.27: 2014	0.001 Ohm to 0.600 Ohm
109	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Resistance to heat and Fire	EN 60335 (Part 2/Sec 25) Cl. No.30: 2012	25 °C to 999 °C
110	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Resistance to heat and Fire	IEC 60335 (Part 2/Sec 25) Cl. No.30: 2010	25 °C to 999 °C
111	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Resistance to heat and Fire	IS 302 (Part 2/ Sec 25) Cl. No.30: 2014	25 °C to 999 °C
112	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Screws and Connections	EN 60335 (Part 2/Sec 25) Cl. No.28: 2012	10 cNm to 500 cNm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 17 / 108

Validity 13/01/2019 to 12/01/2021 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
113	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Screws and Connections	IEC 60335 (Part 2/Sec 25) Cl. No.28: 2010	10 cNm to 500 cNm
114	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Screws and Connections	IS 302 (Part 2/ Sec 25) Cl. No.28: 2014	10 cNm to 500 cNm
115	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Stability and Mechanical Hazards	EN 60335 (Part 2/Sec 25) Cl. No. 20: 2012	1 ° to 20 °
116	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Stability and Mechanical Hazards	IEC 60335 (Part 2/Sec 25) Cl. No.20: 2010	1 ° to 20 °
117	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Stability and Mechanical Hazards	IS 302 (Part 2/ Sec 25) Cl. No. 20: 2014	1 ° to 20 °
118	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Supply Connection And External Flexible Cords	EN 60335 (Part 2/Sec 25) Cl. No. 25: 2012	0.01 kV to 5 kV (AC & DC)
119	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Supply Connection And External Flexible Cords	EN 60335 (Part 2/Sec 25) Cl. No. 25: 2012	10 cNm to 500 cNm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 18 / 108

Validity 13/01/2019 to 12/01/2021 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
120	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Supply Connection And External Flexible Cords	IEC 60335 (Part 2/Sec 25) Cl. No. 25: 2010	0.01 kV to 5 kV (AC & DC)
121	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Supply Connection And External Flexible Cords	IEC 60335 (Part 2/Sec 25) Cl. No. 25: 2010	10 cNm to 500 cNm
122	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Supply Connection And External Flexible Cords	IS 302 (Part 2/ Sec 25) Cl. No. 25: 2014	0.01 kV to 5 kV (AC & DC)
123	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Supply Connection And External Flexible Cords	IS 302 (Part 2/ Sec 25) Cl. No. 25: 2014	10 cNm to 500 cNm
124	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Terminal For External Conductor	EN 60335 (Part 2/Sec 25) Cl. No. 26: 2012	0.01 mm to 150 mm
125	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Terminal For External Conductor	IEC 60335 (Part 2/Sec 25) Cl. No. 26: 2010	0.01 mm to 150 mm
126	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Terminal For External Conductor	IS 302 (Part 2/ Sec 25) Cl. No. 26: 2014	0.01 mm to 150 mm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 19 / 108

Validity 13/01/2019 to 12/01/2021 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
127	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Transient Over voltages	EN 60335 (Part 2/Sec 25) Cl. No. 14: 2012	100 V to 7 kV
128	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Transient Over voltages	IEC 60335 (Part 2/Sec 25) Cl. No. 14: 2010	100 V to 7 kV
129	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Verification of marking	EN 60335 (Part 2/Sec 25) Cl. No.7: 2012	Qualitative
130	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Verification of marking	IEC 60335 (Part 2/Sec 25) Cl. No. 7: 2010	Qualitative
131	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Household Microwave Ovens	Verification of marking	IS 302 (Part 2/ Sec 25) Cl. No.7: 2014	Qualitative
132	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Abnormal operation	IEC 60335 (Part 1) Cl. No.19: 2010	25 °C to 300 °C
133	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Abnormal operation	IS 302 (Part 1) Cl. No.19: 2008	25 °C to 300 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 20 / 108

Validity 13/01/2019 to 12/01/2021 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
134	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Abnormal operation C	EN 60335 (Part 1) Cl. No.19: 2012	25 °C to 300 °C
135	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Clearances, creepage distances and solid insulation	EN 60335 (Part 1) Cl. No.29: 2012	0.01 mm to 150 mm
136	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Clearances, creepage distances and solid insulation	EN 60335 (Part 1) Cl. No.29: 2012	25 °C to 300 °C
137	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Clearances, creepage distances and solid insulation	IEC 60335 (Part 1) Cl. No.29: 2010	25 °C to 300 °C
138	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Clearances, creepage distances and solid insulation	IEC 60335 (Part 1) Cl. No.29: 2010	0.01 mm to 150 mm
139	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Clearances, creepage distances and solid insulation	IS 302 (Part 1) Cl. No.29: 2008	0.01 mm to 150 mm
140	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Clearances, creepage distances and solid insulation	IS 302 (Part 1) Cl. No.19: 2008	25 °C to 300 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 21 / 108

Validity 13/01/2019 to 12/01/2021 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
141	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	EN 60335 (Part 1) Cl. No.22: 2012	0.01 mm to 150 mm
142	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	EN 60335 (Part 1) Cl. No.22: 2012	10 cNm to 500 cNm
143	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	EN 60335 (Part 1) Cl. No.22: 2012	10 N to 500 N
144	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	EN 60335 (Part 1) Cl. No.22: 2012	25 °C to 300 °C
145	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	IEC 60335 (Part 1) Cl. No.22: 2010	25 °C to 300 °C
146	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	IEC 60335 (Part 1) Cl. No.22: 2010	0.01 mm to 150 mm
147	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	IEC 60335 (Part 1) Cl. No.22: 2010	10 cNm to 500 cNm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 22 / 108

Validity 13/01/2019 to 12/01/2021 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
148	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	IEC 60335 (Part 1) Cl. No.22: 2010	10 N to 500 N
149	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	IS 302 (Part 1) Cl. No.22: 2008	0.01 mm to 150 mm
150	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	IS 302 (Part 1) Cl. No.22: 2008	10 cNm to 500 cNm
151	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	IS 302 (Part 1) Cl. No.22: 2008	10 N to 500 N
152	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Construction	IS 302 (Part 1) Cl. No.22: 2008	25 °C to 300 °C
153	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Electrostatic Discharge (ESD) test	IS 14700 (Part 4 / Sec 2) Cl. No.19.11.4.1: 2018	Qualitative
154	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Fast Transient Burst test	IS 14700 (Part 4 / Sec 4) Cl. No.19.11.4.3: 2018	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 23 / 108

Validity 13/01/2019 to 12/01/2021 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
155	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Heating	EN 60335 (Part 1) Cl. No.11: 2012	25 °C to 250 °C
156	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Heating	IEC 60335 (Part 1) Cl. No.11: 2010	25 °C to 250 °C
157	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Heating	IS 302 (Part 1) Cl. No.11: 2008	25 to 250
158	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Internal wiring	EN 60335 (Part 1) Cl. No.23: 2012	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
159	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Internal wiring	EN 60335 (Part 1) Cl. No.23: 2012	Qualitative
160	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Internal wiring	IEC 60335 (Part 1) Cl. No.23: 2010	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
161	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Internal wiring	IEC 60335 (Part 1) Cl. No.23: 2010	Qualitative





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 24 / 108

Validity 13/01/2019 to 12/01/2021 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
162	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Internal wiring	IS 302 (Part 1) Cl. No.23: 2008	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
163	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Internal wiring	IS 302 (Part 1) Cl. No.23: 2008	Qualitative
164	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength	EN 60335 (Part 1) Cl. No.16: 2012	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
165	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength	EN 60335 (Part 1) Cl. No.16: 2012	0.01 mA to 50 mA
166	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength	IEC 60335 (Part 1) Cl. No.16: 2010	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
167	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength	IEC 60335 (Part 1) Cl. No.16: 2010	0.01 mA to 50 mA
168	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength	IS 302 (Part 1) Cl. No.16: 2008	0.01 kV (AC & DC) to 5.0 kV (AC & DC)



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 25 / 108

Validity 13/01/2019 to 12/01/2021 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
169	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength	IS 302 (Part 1) Cl. No.16: 2008	0.01 mA to 50 mA
170	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength at operating Temperature	EN 60335 (Part 1) Cl. No.13: 2012	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
171	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength at operating Temperature	EN 60335 (Part 1) Cl. No.16: 2012	0.01 mA to 50 mA
172	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength at operating Temperature	IEC 60335 (Part 1) Cl. No.13: 2010	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
173	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength at operating Temperature	IEC 60335 (Part 1) Cl. No.13: 2010	0.01 mA to 50 mA
174	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength at operating Temperature	IS 302 (Part 1) Cl. No.13: 2008	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
175	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Leakage current and electric strength at operating Temperature	IS 302 (Part 1) Cl. No.16: 2008	0.01 mA to 50 mA



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 26 / 108

Validity 13/01/2019 to 12/01/2021 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
176	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Marking and instructions	EN 60335 (Part 1) Cl. No.7: 2012	Qualitative
177	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Marking and instructions	IEC 60335 (Part 1) Cl. No. 7 : 2010	Qualitative
178	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Marking and instructions	IS 302 (Part 1) Cl. No. 7: 2008	Qualitative
179	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Mechanical strength	EN 60335 (Part 1) Cl. No. 21: 2012	10 N to 500 N
180	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Mechanical strength	IEC 60335 (Part 1) Cl. No. 21: 2010	10 N to 500 N
181	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Mechanical strength	IS 302 (Part 1) Cl. No. 21: 2008	10 N to 500 N
182	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Moisture resistance	EN 60335 (Part 1) Cl. No.15: 2012	10 % RH to 98 % RH



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 27 / 108

Validity 13/01/2019 to 12/01/2021 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
183	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Moisture resistance	EN 60335 (Part 1) Cl. No.15: 2012	-40 °C to 180 °C
184	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Moisture resistance	IEC 60335 (Part 1) Cl. No.15: 2010	10 % RH to 98 % RH
185	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Moisture resistance	IEC 60335 (Part 1) Cl. No.15: 2012	-40 °C to 180 °C
186	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Moisture resistance	IS 302 (Part 1) Cl. No.15: 2008	10 % RH to 95 % RH
187	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Moisture resistance	IS 302 (Part 1): 2008	-40 °C to 180 °C
188	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Overload protection of transformers and associated circuits	EN 60335 (Part 1) Cl. No.17: 2012	25 °C to 250 °C
189	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Overload protection of transformers and associated circuits	IEC 60335 (Part 1) Cl. No.17: 2010	25 °C to 250 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 28 / 108

Validity 13/01/2019 to 12/01/2021 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
190	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Overload protection of transformers and associated circuits	IS 302 (Part 1): 2008	25 °C to 110 °C
191	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Power input and current	EN 60335 (Part 1) Cl. No.10: 2012	0.2 mW to 3000 W
192	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Power input and current	EN 60335 (Part 1) Cl. No. 10: 2012	0.15 V to 600 V
193	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Power input and current	EN 60335 (Part 1) Cl. No.10: 2012	1 mA to 20 A
194	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Power input and current	IEC 60335 (Part 1) Cl. No. 10 : 2010	0.15 V to 600 V
195	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Power input and current	IEC 60335 (Part 1) Cl. No. 10: 2010	0.2 mW to 3000 W
196	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Power input and current	IEC 60335 (Part 1) Cl. No.10: 2010	1 mA to 20 A



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 29 / 108

Validity 13/01/2019 to 12/01/2021 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
197	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Power input and current	IS 302 (Part 1) Cl. No. 10: 2008	0.2 mW to 3000 W
198	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Power input and current	IS 302 (Part 1) Cl. No.10: 2008	0.15 V to 600 V
199	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Power input and current	IS 302 (Part 1) Cl. No.10: 2008	1 mA to 20 A
200	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Protection against access to live parts	EN 60335 (Part 1) Cl. No.8: 2012	Qualitative
201	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Protection against access to live parts	IEC 60335 (Part 1) Cl. No. 8: 2010	Qualitative
202	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Protection against access to live parts	IS 302 (Part 1) Cl. No. 8: 2008	Qualitative
203	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Provision for earthing	EN 60335 (Part 1) Cl. No.27: 2012	0.001 Ohms to 0.600 Ohms



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 30 / 108

Validity 13/01/2019 to 12/01/2021 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
204	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Provision for earthing	IEC 60335 (Part 1) Cl. No.27: 2010	0.001 Ohms to 0.600 Ohms
205	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Provision for earthing	IS 302 (Part 1) Cl. No.27: 2008	0.001 ohms to 0.600 ohms
206	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Resistance to heat and fire	EN 60335 (Part 1) Cl. No.30: 2012	100 °C to 700 °C
207	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Resistance to heat and fire	EN 60335 (Part 1) Cl. No.30: 2012	500 °C to 960 °C
208	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Resistance to heat and fire	IEC 60335 (Part 1) Cl. No.30: 2010	500 °C to 960 °C
209	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Resistance to heat and fire	IEC 60335 (Part 1) Cl. No.30: 2012	100 °C to 700 °C
210	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Resistance to heat and fire	IS 302 (Part 1) Cl. No.30: 2008	100 °C to 700 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 31 / 108

Validity 13/01/2019 to 12/01/2021 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
211	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Resistance to heat and fire	IS 302 (Part 1) Cl. No.30: 2008	500 °C to 960 °C
212	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Screws and connections	EN 60335 (Part 1) Cl. No.28: 2012	10 cNm to 500 cNm
213	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Screws and connections	IEC 60335 (Part 1) Cl. No.28: 2010	10 cNm to 500 cNm
214	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Screws and connections	IS 302 (Part 1) Cl. No.28: 2008	10 cNm to 500 cNm
215	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Stability and mechanical hazards	EN 60335 (Part 1) Cl. No. 20: 2012	1 ° to 20 °
216	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Stability and mechanical hazards	IEC 60335 (Part 1) Cl. No.20: 2010	1 ° to 20 °
217	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Stability and mechanical hazards	IS 302 (Part 1) Cl. No.20: 2008	1 ° to 20 °





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 32 / 108

Validity 13/01/2019 to 12/01/2021 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
218	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	EN 60335 (Part 1) Cl. No. 25: 2012	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
219	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	EN 60335 (Part 1) Cl. No. 25: 2012	10 cNm to 500 cNm
220	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	EN 60335 (Part 1) Cl. No. 25: 2012	10 N to 500 N
221	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	EN 60335 (Part 1) Cl. No. 25: 2012	Qualitative
222	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	IEC 60335 (Part 1) Cl. No. 25: 2010	0.01 kV (AC & DC) to 5.00. kV (AC & DC)
223	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	IEC 60335 (Part 1) Cl. No. 25: 2010	10 cNm to 500 cNm
224	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	IEC 60335 (Part 1) Cl. No. 25: 2010	10 N to 250 N



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 33 / 108

Validity 13/01/2019 to 12/01/2021 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
225	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	IEC 60335 (Part 1) Cl. No. 25: 2010	Qualitative
226	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	IS 302 (Part 1) Cl. No. 25: 2008	0.01 kV (AC & DC) to 5.0 kV (AC & DC)
227	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	IS 302 (Part 1) Cl. No. 25: 2008	10 cNm to 500 cNm
228	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	IS 302 (Part 1) Cl. No. 25: 2008	10 N to 500 N
229	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Supply connections and external flexible cord	IS 302 (Part 1) Cl. No. 25: 2008	Qualitative
230	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Terminals for external conductors	EN 60335 (Part 1) Cl. No. 26: 2012	0.01 mm to 150 mm
231	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Terminals for external conductors	EN 60335 (Part 1) Cl. No. 26: 2012	10 N to 500 N



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 34 / 108

Validity 13/01/2019 to 12/01/2021 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
232	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Terminals for external conductors	IEC 60335 (Part 1) Cl. No. 26: 2010	0.01 mm to 150 mm
233	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Terminals for external conductors	IEC 60335 (Part 1) Cl. No. 26: 2010	10 N to 500 N
234	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Terminals for external conductors	IS 302 (Part 1) Cl. No. 26: 2008	0.01 mm to 150 mm
235	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Terminals for external conductors	IS 302 (Part 1) Cl. No. 26: 2008	10 N to 500 N
236	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Transient over voltages	EN 60335 (Part 1) Cl. No. 14: 2012	100 V to 7 kV
237	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Transient over voltages	IEC 60335 (Part 1) Cl. No. 14: 2010	100 V to 7 kV
238	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Transient over voltages	IS 302 (Part 1) Cl. No. 14: 2008	100 V to 7 kV



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 35 / 108

Validity 13/01/2019 to 12/01/2021 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
239	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Safety house hold and similar electrical appliance	Voltage dips and Interruption	IS 14700 (Part 4 / Sec 11) Cl. No. 19.11.4.4: 2018	Qualitative
240	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Basic environmental testing procedures for electronic and electrical items.	Change of temperature	IEC 60068 (Part 2 /Sec 14) Cl. No 6 & 8: 2009	-40 °C to 180 °C
241	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Basic environmental testing procedures for electronic and electrical items.	Change of temperature	IS 9000 (Part 14 / Sec 2) Cl. No 6,7 & 8: 1988	-40 °C to 5 °C
242	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Cold test	IEC 60068 (Part 2/ Sec.1) Cl. No 5 & 6: 2007	25 °C to -40 °C
243	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	COLD TEST	IS 9000-2 (Sec 1 to 4) Cl. No 9: 1977	25 °C to -40 °C
244	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Damp Heat test(Steady state)	IS 9000 (Part 4) Cl. No.7: 2008	30 %RH to 95 %RH
245	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Damp Heat test (Cyclic test)	IEC 60068 (Part 2 /Sec 30) Cl. No 5,6 & 7: 2005	25 °C to 55 °C
246	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Damp Heat test (Cyclic test)	IS 9000 (Part 5/ Sec 1& 2) Cl. No 4,5 & 6: 1981	25 °C to 55 °C
247	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Damp Heat test (Cyclic test)	IEC 60068 (Part 2 /Sec 30) Cl. No 4 & 7: 2005	30 %RH to 95 %RH



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 36 / 108

Validity 13/01/2019 to 12/01/2021 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
248	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Damp Heat test (Cyclic test)	IS 9000 (Part 5/ Sec 1& 2) Cl. No 4,5 & 6: 1981	30 %RH to 95 %RH
249	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Damp Heat test (Steady state)	IEC 60068 (Part 2 / sec 78) Cl. No 4 & 5: 2012	25 °C to 55 °C
250	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Damp Heat test (Steady state)	IEC 60068 (Part 2 / sec 78) Cl. No 4 & 5: 2012	30 % RH to 95 % RH
251	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Damp Heat test (Steady state)	IS 9000 (Part 4) Cl. No 7: 2008	25 °C to 55 °C
252	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Dry Heat Test	IEC 60068 (Part 2 / Sec 2) Cl. No 5 & 6: 2007	25 °C to 180 °C
253	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of electronics and electrical items	Dry Heat Test	IS 9000 (Part 3 / Sec 1 to 4) Cl. No 6,7,8 & 9 : 1977	25 °C to 180 °C
254	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Construction	EN 61347 (Part 1) Cl.No. 15: 2015	Qualitative
255	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Construction	EN 61347 (Part 2/Section 13) Cl.No. 17: 2006	Qualitative
256	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Construction	IEC 61347 (Part 1)Cl.No. 15: 2007	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 37 / 108

Validity 13/01/2019 to 12/01/2021 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
257	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Construction	IEC 61347 (Part 2/Section 13) Cl.No. 16: 2014	Qualitative
258	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Construction	IS 15885 (Part 1) Cl.No. 15: 2011	Qualitative
259	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Construction	IS 15885 (Part 2/Section 13) Cl.No. 16: 2012	Qualitative
260	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Creepage distance and clearance	EN 61347 (Part 1) Cl.No. 16: 2015	0.01 mm to 150 mm
261	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Creepage distance and clearance	EN 61347 (Part 2/Section 13) Cl.No. 18: 2006	0.01 mm to 150 mm
262	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Creepage distance and clearance	IEC 61347 (Part 1) Cl.No. 16: 2007	0.01 mm to 150 mm
263	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Creepage distance and clearance	IEC 61347 (Part 2/Section 13) Cl.No. 17: 2014	0.01 mm to 150 mm
264	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Creepage distance and clearance	IS 15885 (Part 1) Cl.No. 16: 2011	0.01 mm to 150 mm
265	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Creepage distance and clearance clause	IS 15885 (Part 2/Section 13) Cl.No. 17: 2012	0.01 mm to 150 mm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 38 / 108

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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
266	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Electric strength	EN 61347 (Part 1) Cl. No. 12: 2015	0.01 KV (AC & DC Voltages ) to 5 KV (AC & DC Voltages )
267	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Electric strength	EN 61347 (Part 2/Sec 13) Cl. No. 12: 2006	0.01 KV (AC & DC Voltages ) to 5 KV (AC & DC Voltages )
268	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Electric strength	IEC 61347 (Part 1) Cl. No. 12: 2007	0.01 KV (AC & DC Voltages ) to 5 KV (AC & DC Voltages )
269	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Electric strength	IEC 61347 (Part 2/Sec 13) Cl. No. 12: 2014	0.01 KV (AC & DC Voltages ) to 5 KV (AC & DC Voltages )
270	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Electric strength	IS 15885 (Part 1) Cl. No. 12: 2011	0.01 KV (AC & DC Voltages ) to 5 KV (AC & DC Voltages )
271	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Electric strength	IS 15885 (Part 2/Sec 13) Cl. No. 12: 2012	0.01 KV (AC & DC Voltages ) to 5 KV (AC & DC Voltages )
272	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Fault conditions	EN 61347 (Part 1) Cl.No.14: 2015	0.01 KV (AC & DC Voltages ) to 5.0 KV (AC & DC Voltages )



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 39 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
273	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Fault conditions	EN 61347 (Part 2/Section 13) Cl.No.14: 2006	0.01 KV (AC & DC Voltages ) to 5.0 KV (AC & DC Voltages )
274	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Fault conditions	IEC 61347 (Part 2/Section 13) Cl.No.14: 2014	0.01 KV (AC & DC Voltages ) to 5.0 KV (AC & DC Voltages )
275	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Fault conditions	IS 15885 (Part 1) Cl.No.14: 2011	0.01 KV (AC & DC Voltages ) to 5.0 KV (AC & DC Voltages )
276	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Fault conditions	IS 15885 (Part 2/Section 13) Cl.No.14: 2012	0.01 KV (AC & DC Voltages ) to 5.0 KV (AC & DC Voltages )
277	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	EN 61347 (Part 1) Cl. No. 11: 2015	0.01 K Ohms to 100 G Ohms
278	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	EN 61347 (Part 1) Cl.No.11: 2015	-40 °C to 180 °C
279	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	EN 61347 (Part 1): 2015	10 %RH to 98 %RH
280	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	EN 61347 (Part 2/Sec 13) Cl. 11: 2006	10 %RH to 98 %RH





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 40 / 108

Validity 13/01/2019 to 12/01/2021 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.'

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281	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	EN 61347 (Part 2/Sec 13) Cl. No. 11: 2006	0.01 K Ohms to 100 G Ohms
282	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IEC 61347 (Part 1) Cl. 11: 2007	-40 °C to 180 °C
283	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IEC 61347 (Part 1) Cl. No. 11: 2007	0.01 K Ohms to 100 G Ohms
284	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IEC 61347 (Part 1) Cl. No. 11: 2007	10 %RH to 98 %RH
285	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IEC 61347 (Part 2/Section 13) Cl. 11: 2014	-40 °C to 180 °C
286	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IEC 61347 (Part 2/Section 13) Cl. No. 11: 2014	0.01 K Ohms to 100 G Ohms
287	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IEC 61347 (Part 2/Section 13) Cl. No. 11: 2014	10 %RH to 98 %RH
288	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IS 15885 (Part 1) Cl. No. 11: 2011	0.01 K Ohms to 100 G Ohms
289	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IS 15885 (Part 1) Cl.No.11: 2011	10 %RH to 98 %RH



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 41 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
290	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IS 15885 (Part 1) Cl.No.11: 2011	-40 °C to 180 °C
291	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IS 15885 (Part 2/Sec 13) Cl. No. 11: 2012	0.01 K Ohms to 100 G Ohms
292	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IS 15885 (Part 2/Sec 13) Cl. No. 11: 2012	10 %RH to 98 %RH
293	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Moisture resistance and insulation	IS 15885 (Part 2/Section 13) Cl.No.11: 2012	-40 °C to 180 °C
294	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Protection against accidental contact with live parts	EN 61347 (Part 1) Cl. No. 8: 2015	Qualitative
295	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Protection against accidental contact with live parts	EN 61347 (Part 2/Sec 13) Cl. No. 8: 2014	Qualitative
296	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Protection against accidental contact with live parts	IEC 61347 (Part 1) Cl. No. 8: 2007	Qualitative
297	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Protection against accidental contact with live parts	IEC 61347 (Part 2/Section 13) Cl. No. 8: 2014	Qualitative
298	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Protection against accidental contact with live parts	IS 15885 (Part 1) Cl. No. 8: 2011	Qualitative



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(A Constituent Board of Quality Council of India)



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 42 / 108

Validity 13/01/2019 to 12/01/2021 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
299	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Protection against accidental contact with live parts	IS 15885 (Part 2/Section 13) Cl. No. 8: 2012	Qualitative
300	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Provision for protective earthing	EN 61347 (Part 1) Cl. No. 10: 2015	0.001 Ohm to 0.6 Ohm
301	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Provision for protective earthing	EN 61347 (Part 2/Section 13) Cl. No. 10: 2006	0.001 Ohm to 0.6 Ohm
302	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Provision for protective earthing	IEC 61347 (Part 1) Cl. No. 10: 2007	0.001 Ohm to 0.6 Ohm
303	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Provision for protective earthing	IEC 61347 (Part 2/Section 13) Cl. No. 10: 2014	0.001 Ohm to 0.6 Ohm
304	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Provision for protective earthing	IS 15885 (Part 1) Cl. No. 10: 2011	0.001 Ohm to 0.6 Ohm
305	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Provision for protective earthing	IS 15885 (Part 2/Section 13) Cl. No. 10: 2012	0.001 Ohm to 0.6 Ohm
306	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to corrosion	EN 61347 (Part 1) Cl. No. 20: 2015	Qualitative
307	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to corrosion	EN 61347 (Part 2/Section 13) Cl. No. 20: 2006	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 43 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
308	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to corrosion	IEC 61347 (Part 1) Cl. No. 20: 2007	Qualitative
309	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to corrosion	IEC 61347 (Part 2/Section 13) Cl. No. 20: 2014	Qualitative
310	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to corrosion	IS 15885 (Part 1) Cl. No. 20: 2011	Qualitative
311	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to corrosion	IS 15885 (Part 2/Sec 13) Cl. No. 20: 2012	Qualitative
312	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to Heat, Fire and tracking	EN 61347 (Part 1) Cl. No. 19: 2015	0.001 mm to 150 mm
313	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to Heat, Fire and tracking	EN 61347 (Part 2/Section 13) Cl. No. 19: 2006	0.001 mm to 150 mm
314	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to Heat, Fire and tracking	IEC 61347 (Part 1) Cl. No. 19: 2007	0.001 mm to 150 mm
315	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to Heat, Fire and tracking	IEC 61347 (Part 2/Sec 13) Cl. No. 19: 2014	0.001 mm to 150 mm
316	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to Heat, Fire and tracking	IS 15885 (Part 1) Cl. No. 19: 2011	0.001 mm to 150 mm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 44 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
317	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Resistance to Heat, Fire and tracking	IS 15885 (Part 2/Section 13) Cl. No. 19: 2012	0.001 mm to 150 mm
318	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Screws, current carrying parts and connection	EN 61347 (Part 2/Section 13) Cl. No. 18: 2006	10 cNm to 500 cNm
319	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Screws, current carrying parts and connection	IEC 61347 (Part 1) Cl. No. 18: 2007	10 cNm to 500 cNm
320	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Screws, current carrying parts and connection	IEC 61347 (Part 2/Sec 13) Cl. No. 18: 2014	10 cNm to 500 cNm
321	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Screws, current carrying parts and connection	IS 15885 (Part 1) Cl. No. 18: 2011	10 cNm to 500 cNm
322	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Screws, current carrying parts and connection	IS 15885 (Part 2/Section 13) Cl. No. 18: 2012	10 cNm to 500 cNm
323	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Terminals	EN 61347 (Part 1) Cl. No. 9: 2015	0.01 mm to 150 mm
324	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Terminals	EN 61347 (Part 2/Section 13) Cl. No. 9: 2006	0.01 mm to 150 mm
325	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Terminals	IEC 61347 (Part 1) Cl. No. 9: 2007	0.01 mm to 150 mm



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(A Constituent Board of Quality Council of India)



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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 45 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
326	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Terminals	IEC 61347 (Part 2/Section 13) Cl. No. 9: 2014	0.01 mm to 150 mm
327	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Terminals	IS 15885 (Part 1) Cl. No. 9: 2011	0.01 mm to 150 mm
328	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Terminals	IS 15885 (Part 2/Section 13) Cl. No. 9: 2012	0.01 mm to 150 mm
329	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	EN 61347 (Part 1) Cl. No.15: 2015	0.01 K Ohms to 100 G Ohms
330	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	EN 61347 (Part 1) Cl. No.15: 2015	25 °C to 250 °C
331	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	EN 61347 (Part 2/Section 13) Cl. No.15: 2006	0.01 K Ohms to 100 G Ohms
332	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	EN 61347 (Part 2/Section 13) Cl. No.15: 2006	25 °C to 250 °C
333	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	IEC 61347 (Part 1) Cl. No.15: 2007	0.01 K Ohms to 100 G Ohms
334	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	IEC 61347 (Part 1) Cl. No.15: 2007	25 °C to 250 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 46 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
335	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	IEC 61347 (Part 2/Section 13) Cl. No.15: 2014	0.01 K Ohms to 100 G Ohms
336	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	IEC 61347 (Part 2/Section 13)Cl. No.15: 2014	25 °C to 250 °C
337	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	IS 15885 (Part 1) Cl. No.15: 2011	0.01 K Ohms to 100 G Ohms
338	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	IS 15885 (Part 1) Cl. No.15: 2011	25 °C to 250 °C
339	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	IS 15885 (Part 2/Section 13) Cl. No.15: 2012	0.01 K Ohms to 100 G Ohms
340	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Transformer heating	IS 15885 (Part 2/Section 13) Cl. No.15: 2012	25 °C to 250 °C
341	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Verification of Marking	Cl. No.7IEC 61347 (Part 2/Section 13): 2016	Qualitative
342	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Verification of Marking	Cl. No.7IS 15885 (Part 1): 2011	Qualitative
343	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Verification of Marking	Clause. No.7IS 15885 (Part 2/Section 13): 2012	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 47 / 108

Validity 13/01/2019 to 12/01/2021 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
344	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Verification of Marking	EN 61347 (Part 1) Cl. No.7: 2015	Qualitative
345	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Control gear for LED Modules	Verification of Marking	IEC 61347 (Part 1) Cl. No.7: 2017	Qualitative
346	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Construction	IEC 60598 (Part 2/Section 1) Cl. No.7: 1979	0.01 mm to 150 mm
347	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Construction	IEC 60598 (Part 2/Section 1) Cl. No.7: 1979	0.01 N to 500 N
348	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Construction	IEC/EN 60598 (Part 1) Cl. No.7: 2014	0.01 mm to 150 mm
349	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Construction	IEC/EN 60598 (Part 1) Cl. No.7: 2014	0.01 N to 500 N
350	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Construction	IS 10322 (Part 1) Cl. No.7: 2014	0.01 mm to 150 mm
351	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Construction	IS 10322 (Part 1) Cl. No.7: 2014	0.01 N to 500 N
352	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Construction	IS 10322 (Part 5/Section 1) Cl. No.7: 2012	0.01 mm to 150 mm





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 48 / 108

Validity 13/01/2019 to 12/01/2021 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
353	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Construction	IS 10322 (Part 5/Section 1) Cl. No.7: 2012	0.01 N to 500 N
354	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Creepage distances and clearances	IEC 60598 (Part 2/Section 1) Cl. No.8: 1979	0.01 mm to 150 mm
355	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Creepage distances and clearances	IEC/EN 60598 (Part 1) Cl. No.8: 2014	0.01 mm to 150 mm
356	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Creepage distances and clearances	IS 10322 (Part 1) Cl. No.8: 2014	0.01 mm to 150 mm
357	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Creepage distances and clearances	IS 10322 (Part 5/Section 1) Cl. No.8: 2012	0.01 mm to 150 mm
358	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Insulation resistance and electric strength	IEC 60598 (Part 2/Sec 1) Cl. No. 15: 1979	0.01 K Ohm to 100 G Ohm
359	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Insulation resistance and electric strength	IEC/EN 60598 (Part 1) Cl. No. 15: 2014	0.01 K Ohm to 100 G Ohm
360	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Insulation resistance and electric strength	IS 10322 (Part 1) Cl. No. 15: 2014	0.01 k Ohm to 100 G Ohm
361	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Insulation resistance and electric strength	IS 10322 (Part 5/Sec 1) Cl. No. 15: 2012	0.01 K Ohm to 100 G Ohm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 49 / 108

Validity 13/01/2019 to 12/01/2021 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
362	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Marking	IEC 60598 (Part 2/Section 1) Cl. No.6: 1979	Qualitative
363	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Marking	IEC/EN 60598 (Part 1) Cl. No.6: 2014	Qualitative
364	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Marking	IS 10322 (Part 1) Cl. No.6: 2014	Qualitative
365	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Marking	IS 10322 (Part 5/Section 1) Cl. No.6: 2012	Qualitative
366	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Protection against electric shock	IEC 60598 (Part 2/Sec 1) Cl. No. 12: 1979	Qualitative
367	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Protection against electric shock	IEC/EN 60598 (Part 1) Cl. No.12: 2014	Qualitative
368	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Protection against electric shock	IS 10322 (Part 1) Cl. No. 12: 2014	Qualitative
369	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Protection against electric shock	IS 10322 (Part 5/Section 1) Cl. No.12: 2012	Qualitative
370	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Provision for earthing	IEC 60598 (Part 2/Section 1) Cl. No.9: 1979	0.001 Ohm to 0.6 Ohm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 50 / 108

Validity 13/01/2019 to 12/01/2021 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
371	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Provision for earthing	IEC/EN 60598 (Part 1) Cl. No.9: 2014	0.001 Ohm to 0.6 Ohm
372	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Provision for earthing	IS 10322 (Part 1) Cl. No.9: 2014	0.001 Ohm to 0.6 Ohm
373	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Provision for earthing	IS 10322 (Part 5/Section 1) Cl. No.9: 2012	0.001 Ohm to 0.6 Ohm
374	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Resistance to dust & Moisture (1X, 2X, 3X, 4X also X3 & X4)	IEC 60598 (Part 2/Section 1): 1979	Qualitative
375	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Resistance to dust & Moisture (1X, 2X, 3X, 4X also X3 & X4)	IEC/EN 60598 (Part 1): 2014	Qualitative
376	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Resistance to dust & Moisture (1X, 2X, 3X, 4X also X3 & X4)	IS 10322 (Part 1): 2014	Qualitative
377	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Resistance to dust & Moisture (1X, 2X, 3X, 4X also X3 & X4)	IS 10322 (Part 5/Section 1): 2012	Qualitative
378	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Resistance to heat, Fire & Tracking	IEC 60598 (Part 2/Section 1) Cl. No.16: 1979	25 °C to 999 °C
379	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Resistance to heat, Fire & Tracking	IEC/EN 60598 (Part 1) Cl. No.16: 2014	25 °C to 999 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 51 / 108

Validity 13/01/2019 to 12/01/2021 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
380	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Resistance to heat, Fire & Tracking	IS 10322 (Part 1) Cl. No.16: 2014	25 °C to 999 °C
381	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Resistance to heat, Fire & Tracking	IS 10322 (Part 5/Section 1) Cl. No.16: 2012	25 °C to 999 °C
382	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Terminals	IEC 60598 (Part 2/Section 1) Cl. No.10: 1979	0.01 mm to 150 mm
383	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Terminals	IEC 60598 (Part 2/Section 1) Cl. No.10: 1979	10 cNm to 500 cNm
384	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Terminals	IEC/EN 60598 (Part 1) Cl. No.10: 2014	0.01 mm to 150 mm
385	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Terminals	IEC/EN 60598 (Part 1) Cl. No.10: 2014	10 cNm to 500 cNm
386	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Terminals	IS 10322 (Part 1) Cl. No.10: 2014	0.01 mm to 150 mm
387	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Terminals	IS 10322 (Part 1) Cl. No.10: 2014	10 cNm to 500 cNm
388	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Terminals	IS 10322 (Part 5/Section 1) Cl. No.10: 2012	0.01 mm to 150 mm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 52 / 108

Validity 13/01/2019 to 12/01/2021 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
389	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed general purpose Luminaries	Terminals	IS 10322 (Part 5/Section 1) Cl. No.10: 2012	10 cNm to 500 cNm
390	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of machinery –Electrical equipment of machines	Insulation resistance	EN 60204 (Part 1) Cl.18.3: 2018	0.01 K Ohms to 100 G Ohms
391	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of machinery –Electrical equipment of machines	TN-systems: Verification of the continuity of the protective bonding circuit	EN 60204 (Part 1): 2018	0.001 Ohms to 0.600 Ohms
392	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Safety of machinery –Electrical equipment of machines	Voltage	EN 60204 (Part 1) Cl. No.18.4: 2018	0.01 kV ( AC & DC) to 5 kV ( AC & DC)
393	ELECTRONICS- AUDIO EQUIPMENT	Amplifier	Constructional requirements with regards to the protection against electric shock	IEC 60065 Cl. No.8: 2014	0.5 N to 500 N
394	ELECTRONICS- AUDIO EQUIPMENT	Amplifier	Constructional requirements with regards to the protection against electric shock	IEC 62368 (Part 1) Cl. No.8: 2014	0.5 N to 500 N
395	ELECTRONICS- AUDIO EQUIPMENT	Amplifier	Constructional requirements with regards to the protection against electric shock	IS 616 Cl. No.8: 2017	0.5 N to 500 N

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# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 53 / 108

Validity 13/01/2019 to 12/01/2021 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
396	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Determination of accessible parts	IS 616 Cl. No.9.1.1.3: 2017	0.01 N to 500 N
397	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Determination of accessible parts	EN 60065 Cl. No. 9.1.1.3: 2014	0.01 N to 500 N
398	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Determination of accessible parts	IEC 60065 Cl. No. 9.1.1.3: 2014	0.01 N to 500 N
399	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Determination of accessible parts	IEC 62368 (Part 1 ) Cl. No. 9.1.1.3 : 2014	0.01 N to 500 N
400	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Determination of hazardous live parts	IEC 60065 Cl. No. 9.1.1.2: 2014	0.01 mA to 50 mA
401	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Determination of hazardous live parts	IEC 62368 (Part 1) Cl. No. 9.1.1.2: 2014	0.01 mA to 50 mA
402	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Determination of hazardous live parts	IS 616 Cl. No. 9.1.1.2: 2017	0.01 mA to 50 mA
403	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Heating under normal operating conditions	EN 60065 Cl. No. 7: 2014	25 ? C to 300 ? C
404	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Heating under normal operating conditions	IEC 60065 Cl. No. 7: 2014	25 Deg C to 300 Deg C
405	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Heating under normal operating conditions	IEC 62368 (Part 1) Cl. No. 7: 2014	25 Deg C to 300 Deg C
406	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Heating under normal operating conditions	IS 616 Cl. No. 7: 2017	25 °C to 300 °C
407	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Mandrel test for non-separable thin sheet material	IEC 60065 Cl. No. 8.21: 2014	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 54 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
408	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Mandrel test for non-separable thin sheet material	IEC 62368 (Part 1) Cl. No. 8.21: 2014	Qualitative
409	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Mandrel test for non-separable thin sheet material	IS 616 Cl. No. 8.21: 2017	Qualitative
410	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Marking test	IEC 60065 Cl. No. 5: 2014	Qualitative
411	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Marking test	IEC 62368 (Part 1) Cl. No. 5: 2014	Qualitative
412	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Marking test	IS 616 Cl. No. 5: 2017	Qualitative
413	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Normal operating conditions	EN 60065 Cl. No. 4.2: 2014	0.15 V to 600 V
414	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Normal operating conditions	EN 60065 Cl. No. 4.2: 2014	1 mA to 20 A
415	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Normal operating conditions	EN 60065 Cl. No. 4.2: 2014	20 W to 3000 W
416	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Normal operating conditions	IS 616: 2017	1 A to 20 A
417	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Normal operating conditions	IS 616: 2017	20 W to 3000 W
418	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Openings of the enclosure	IEC 60065 Cl. No. 9.1.3: 2014	Qualitative
419	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Openings of the enclosure	IEC 62368 (Part 1) Cl. No. 9.1.3 : 2014	Qualitative
420	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Openings of the enclosure	IS 616 Cl. No. 9.1.3: 2017	Qualitative

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# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 55 / 108

Validity 13/01/2019 to 12/01/2021 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
421	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Resistance to external forces	EN 60065 Cl. No. 9.1.7: 2014	0.01 N to 500 N
422	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Resistance to external forces	IEC 60065 Cl. No. 9.1.7: 2014	0.01 N to 500 N
423	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Resistance to external forces	IEC 62368 (Part 1) Cl. No. 9.1.7: 2014	0.01 N to 500 N
424	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Resistance to external forces	IS 616 Cl. No. 9.1.7: 2017	0.01 N to 500 N
425	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Terminals	EN 60065 Cl. No. 9.1.4: 2014	0.01 N to 500 N
426	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Terminals	IEC 60065 Cl. No. 9.1.4: 2014	0.01 to 500
427	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Terminals	IEC 62368 (Part 1) Cl. No. 9.1.4: 2014	0.01 N to 500 N
428	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Terminals	IS 616 Cl. No. 9.1.4: 2017	0.01 N to 500 N
429	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Withdrawal of mains plug	IEC 60065 Cl. No. 9.1.6: 2014	0.1 Vp to 400 Vp
430	ELECTRONICS-AUDIO EQUIPMENT	Amplifier	Withdrawal of mains plug	IS 616 Cl. No. 9.1.6: 2017	0.1 Vp to 400 Vp





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 56 / 108

Validity 13/01/2019 to 12/01/2021 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
431	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones	Fixing of actuating elements	IS 616 Cl. No. 12.2: 2017	0.01 to 500
432	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Bump Test	EN 60065 Cl. No. 12.1.2: 2014	1 to 150
433	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Bump Test	IEC 62368 (Part 1) Cl. No. 12.1.2: 2014	1 to 150



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 57 / 108

Validity 13/01/2019 to 12/01/2021 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
434	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Bump Test	IS 616 Cl. No. 12.1.2: 2017	1 to 150
435	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Clearance and creepage distance	EN 60065 Cl. No. 13: 2014	0.01 mm to 150 mm
436	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Clearance and creepage distance	IEC 60065 Cl. No. 13: 2014	0.01 mm to 150 mm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 58 / 108

Validity 13/01/2019 to 12/01/2021 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
437	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Clearance and creepage distance	IEC 62368 (Part 1) Cl. No. 13: 2014	0.01 mm to 150 mm
438	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Clearance and creepage distance	IS 616 Cl. No. 13: 2017	0.01 mm to 150 mm
439	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Determination of working voltage	IEC 60065 Cl. No. 13.2: 2017	5 VAC & VDC to 1000 VAC & VDC



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 59 / 108

Validity 13/01/2019 to 12/01/2021 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
440	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Determination of working voltage	IEC 62368 (Part 1) Cl. No. 13.2 : 2014	5 VDC & VAC to 1000 VDC & VAC
441	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Determination of working voltage	IS 616 Cl. No. 13.2: 2017	5 VDC & VAC to 1000 VDC & VAC
442	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Drop	IEC 62368 (Part 1) Cl. No. 12.7.3.4: 2014	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 60 / 108

Validity 13/01/2019 to 12/01/2021 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
443	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Drop	IS 616 Cl. No. 12.7.3.4: 2017	Qualitative
444	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Drop Test	IEC 60065 Cl. No. 12.1.5 : 2014	Qualitative
445	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Drop Test	IEC 60065 Cl. No. 12.7.3.4: 2014	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 61 / 108

Validity 13/01/2019 to 12/01/2021 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.'

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446	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Drop Test	IEC 62368 (Part 1) Cl. No. 12.1.5 : 2014	Qualitative
447	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Drop Test	IS 616 Cl. No. 12.1.5 : 2017	Qualitative
448	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Electrical connections and mechanical fixing	IEC 60065 Cl. No. 17: 2014	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 62 / 108

Validity 13/01/2019 to 12/01/2021 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.'

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449	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Electrical connections and mechanical fixing	IEC 62368 (Part 1) Cl. No. 17 : 2014	Qualitative
450	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Electrical connections and mechanical fixing	IS 616 Cl. No. 17: 2017	Qualitative
451	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	External flexible cords	IEC 60065 Cl. No. 16.0: 2014	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 63 / 108

Validity 13/01/2019 to 12/01/2021 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.'

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452	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	External flexible cords	IEC 62368 (Part 1) Cl. No. 16.0 : 2014	Qualitative
453	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	External flexible cords	IS 616 Cl. No. 16.0: 2017	Qualitative
454	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Impact	EN 60065 Cl. No. 12.7.3.5: 2014	Qualitative





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 64 / 108

Validity 13/01/2019 to 12/01/2021 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.'

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455	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Impact	IEC 60065 Cl. No. 12.7.3.5: 2014	Qualitative
456	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Impact	IEC 62368 (Part 1) Cl. No. 12.7.3.5: 2014	Qualitative
457	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Impact	IS 616 Cl. No. 12.7.3.5: 2017	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 65 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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458	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Insulation resistance & dielectric strength	EN 60065 Cl. No. 10.4 : 2014	0.1 kV to 5 kV (AC & DC) ; 0.1 Mohm to 1000 Mohm ;
459	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Insulation resistance & dielectric strength	IEC 60065 Cl. No. 10.4 : 2014	0.1 kV to 5 kV (AC & DC) ; 0.1 Mohm to 1000 Mohm ;
460	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Insulation resistance & dielectric strength	IEC 62368 (Part 1) Cl. No. 10.4 : 2014	0.1 kV to 5 kV (AC & DC) ; 0.1 Mohm to 1000 Mohm ;



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 66 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
461	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Measurement of transient voltage	IEC 60065 Cl.13.3.4: 2014	0.1 kV to 7 kV ;1.2/50 $\mu$ s ;10/700 $\mu$ s
462	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Measurement of transient voltage	IEC 62368 (Part 1) Cl. 13.3.4: 2014	0.1 kV to 7 kV1.2/50 $\mu$ s10/700 $\mu$ s
463	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Measurement of transient voltage	IS 616 Cl. 13.3.4: 2017	0.1 kV to 7 kV1.2/50 $\mu$ s10/700 $\mu$ s



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 67 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
464	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Protection against splashing water	EN 60065 Cl. No.5.4.1 & Annex A: 2014	Qualitative
465	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Protection against splashing water	IEC 60065 Cl. No.5.4.1 & Annex A: 2014	Qualitative
466	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Protection against splashing water	IS 616 Cl. No.5.4.1 & Annex A: 2017	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 68 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
467	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Provisions for protective Earthing	EN 60065 Cl. No. 15.2: 2014	0.001 Ohms to 0.600 Ohms
468	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Provisions for protective Earthing	IEC 60065 Cl. No. 15.2: 2014	0.001 Ohms to 0.600 Ohms
469	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Provisions for protective Earthing	IEC 62368 (Part 1) Cl. No. 15.2: 2014	0.001 Ohms to 0.600 Ohms



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 69 / 108

Validity 13/01/2019 to 12/01/2021 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.'

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470	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Provisions for protective Earthing	IS 616 Cl. No.15.2: 2017	0.001 Ohms to 0.600 Ohms
471	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Resistance to fire	EN 60065 Cl. No.20: 2014	25 °C to 999 °C
472	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Resistance to fire	IEC 60065 Cl. No. 20: 2014	25 °C to 999 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 70 / 108

Validity 13/01/2019 to 12/01/2021 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
473	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Resistance to fire	IEC 62368 (Part 1) Cl. No. 20: 2014	25 °C to 999 °C
474	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Resistance to fire	IS 616 Cl. No.20: 2017	25 °C to 999 °C
475	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Stress relief	EN 60065 Cl. 12.7.3.2: 2014	25 °C to 300 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 71 / 108

Validity 13/01/2019 to 12/01/2021 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
476	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Stress relief	IEC 62368 (Part 1) Cl. 12.7.3.2: 2014	25 °C to 300 °C
477	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Stress relief Test	EN 60065 Cl. No. 12.1.6: 2014	25 °C to 300 °C
478	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Stress relief Test	IEC 60065 Cl. No. 12.1.6: 2014	25 °C to 300 °C





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 72 / 108

Validity 13/01/2019 to 12/01/2021 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.'

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479	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Stress relief test	IEC 60065 Cl. No. 12.7.3.2: 2014	25 °C to 300 °C
480	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Stress relief Test	IEC 62368 (Part 1) Cl. No. 12.1.6: 2014	25 °C to 300 °C
481	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Stress relief Test	IS 616 Cl. No. 12.1.6: 2017	25 °C to 300 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 73 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
482	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Test at 10 ° to the horizontal	IEC 60065 Cl. No. 19.2: 2014	1.0 ° to 20 °
483	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Test at 10 ° to the horizontal	IEC 62368 (Part 1) Cl. No. 19.2 : 2014	1.0 ° to 20 °
484	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Test at 10 ° to the horizontal	IS 616 Cl. No. 19.2: 2017	1.0 ° to 20 °



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 74 / 108

Validity 13/01/2019 to 12/01/2021 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
485	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Antenna coaxial sockets mounted on the apparatus	EN 60065 Cl. No. 12.5: 2014	0.01 N to 500 N
486	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Antenna coaxial sockets mounted on the apparatus	IEC 60065 Cl. No. 12.5: 2014	0.01 N to 500 N
487	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Antenna coaxial sockets mounted on the apparatus	IEC 62368 Cl. No. 12.5: 2014	0.01 N to 500 N



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 75 / 108

Validity 13/01/2019 to 12/01/2021 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
488	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Antenna coaxial sockets mounted on the apparatus	IS 616 Cl. No. 12.5: 2017	0.01 N to 500 N
489	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Bump Test	IEC 60065 Cl. No. 12.1.2: 2014	1 to 150
490	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Fixing of actuating elements	IEC 60065 Cl. No. 12.2: 2014	0.01 to 500



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 76 / 108

Validity 13/01/2019 to 12/01/2021 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
491	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Fixing of actuating elements	IEC 62368 Cl. No. 12.2: 2014	0.01 to 500
492	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Insulation requirements- Humidity treatment	EN 60065 Cl. No. 10.3 : 2014	10 % to 98 %
493	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Insulation requirements- Humidity treatment	IEC 60065 Cl. No. 10.3: 2017	10 %RH to 98 %RH



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 77 / 108

Validity 13/01/2019 to 12/01/2021 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
494	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Insulation requirements- Humidity treatment	IEC 62368 (Part 1) Cl. No. 10.3 : 2013	10 % to 98 %
495	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Insulation requirements- Humidity treatment	IS 616 Cl. No. 10.3 : 2017	10 % to 98 %
496	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Insulation resistance & dielectric strength	IS 616 Cl. No. 10.4: 2014	0.1 kV to 5 kV (AC & DC) ; 0.1 Mohm to 1000 Mohm ;



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 78 / 108

Validity 13/01/2019 to 12/01/2021 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
497	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Normal operating conditions	IEC 60065 cl. 4.2: 2014	0.15V to 600V
498	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Protection against splashing water	IEC 62368 (Part 1) Cl. No. 5.4.1 & Annex A : 2014	Qualitative
499	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Remote control devices held in hand	EN 60065 Cl. No. 12.3: 2014	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 79 / 108

Validity 13/01/2019 to 12/01/2021 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
500	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Remote control devices held in hand	IEC 60065 Cl. No. 12.3: 2014	Qualitative
501	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Remote control devices held in hand	IEC 62368 Cl. No. 12.3: 2014	Qualitative
502	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Remote control devices held in hand	IS 616 Cl. No. 12.3: 2017	Qualitative





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 80 / 108

Validity 13/01/2019 to 12/01/2021 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
503	ELECTRONICS-AUDIO EQUIPMENT	Amplifier, Plasma/LED/LCD TV's, Optical disk player, Electronic musical system, Electronic games, power adapters, Buzzers & ringers, Loudspeaker/Headphones, Microphones.	Stress relief	IS 616 Cl. No. 12.7.3.2: 2017	25 °C to 300 °C
504	ELECTRONICS-AUDIO EQUIPMENT	Amplifiers	Normal operating condition	IEC 60065 Cl. No. 4.2: 2014	0.15 V to 600 V
505	ELECTRONICS-AUDIO EQUIPMENT	AMPLIFIERS	NORMAL OPERATING CONDITIONS	EN 62368 (Part 1) Cl. No. 4.2: 2014	0.15 V to 600 V
506	ELECTRONICS-AUDIO EQUIPMENT	AMPLIFIERS	NORMAL OPERATING CONDITIONS	IEC 60065 Cl. No. 4.2: 2014	0.2 kW to 3000 W
507	ELECTRONICS-AUDIO EQUIPMENT	Amplifiers	Normal operating conditions	IEC 60065 Cl. No. 4.2: 2014	1 mA to 20 A
508	ELECTRONICS-AUDIO EQUIPMENT	AMPLIFIERS	NORMAL OPERATING CONDITIONS	IS 616 Cl. No. 4.2: 2017	1A ac to 20A ac
509	ELECTRONICS-AUDIO EQUIPMENT	AMPLIFIERS	NORMAL OPERATING CONDITIONS	IS 616: 2017	20 W to 3000 W
510	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted Emission	BS EN 55011 Cl. No. 1 to 12 / BS EN 55014-1 Cl.No. 4.3: 2017	0.15 MHz to 30 MHz
511	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted Emission	BS EN 61000-6-3 / BS EN 61000-6-4 Cl. No. 7: 2007	0.15 MHz to 30 MHz



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 81 / 108

Validity 13/01/2019 to 12/01/2021 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
512	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted Emission	CISPR 11 Cl. No. 1 to 12 / CISPR 32 Cl. No. 1 to 11 / BS EN 55032 Cl. No. 1 to 11: 2015	0.15 MHz to 30 MHz
513	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted Emission	CISPR 14-1 Cl. No. 4.3: 2016	0.15 MHz to 30 MHz
514	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted Emission	CISPR 15 / BS EN 55015 Cl. No. 1 to 11 / BS EN 61326-1 Cl. No. 7: 2013	0.15 MHz to 30 MHz
515	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted Emission	IEC 61000-6-3 / IEC 61000-6-4 Cl.No. 7: 2006	0.15 MHz to 30 MHz
516	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted Emission	IEC 61326-1 Cl. No. 7: 2012	0.15 MHz to 30 MHz
517	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted RF Susceptibility Test	BS EN 61000-4-6 Cl. No. 1 to 10: 2014	Qualitative(150 kHz to 230 MHz ; Up to 10 Vrms)
518	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted RF Susceptibility Test	BS EN 61000-6-1 Cl. No. 8: 2007	Qualitative(150 kHz to 230 MHz ; Up to 10 Vrms)
519	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted RF Susceptibility Test	BS EN 61000-6-2 Cl. No. 8: 2006	Qualitative
520	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted RF Susceptibility Test	CISPR 24 / BS EN 55024 Cl.No. 4.2.3.3: 2010	Qualitative(150 kHz to 230 MHz ; Up to 10 Vrms)
521	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted RF Susceptibility Test	IEC 61000-4-6 Cl. No. 1 to 10 / BS EN 61326-1 Cl. No. 6: 2013	Qualitative(150 kHz to 230 MHz ; Up to 10 Vrms)



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 82 / 108

Validity 13/01/2019 to 12/01/2021 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
522	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted RF Susceptibility Test	IEC 61000-6-1 / IEC 61000-6-2 Cl.No. 9: 2016	Qualitative
523	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Conducted RF Susceptibility Test	IEC 61326-1 Cl.No. 6: 2012	Qualitative(150 kHz to 230 MHz ; Up to 10 Vrms)
524	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Discontinuous Disturbances (Clicks) Test	BS EN 55014-1 Cl.No. 4.5: 2017	Qualitative
525	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Discontinuous Disturbances (Clicks) Test	CISPR 14-1 Cl. No. 4.4: 2016	Qualitative
526	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Disturbance Power (Radiated Power) Test	BS EN 55014-1 Cl.No. 4.3.4.4: 2017	Qualitative
527	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Disturbance Power (Radiated Power) Test	CISPR 14-1 Cl.No. 4.3.4.4: 2016	Qualitative
528	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electric Fast Transient / Burst Immunity Test	(IEC 61000-4-4 / BS EN 61000-4-4 Cl. No. 1 to 10 ) / IEC 61326-1 Cl.No. 6: 2012	Qualitative
529	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electric Fast Transient / Burst Immunity Test	BS EN 55014-2 / CISPR 14-2 Cl. No. 5.2: 2015	Qualitative
530	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electric Fast Transient / Burst Immunity Test	BS EN 61000-6-1 Cl. No. 8: 2007	Qualitative
531	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electric Fast Transient / Burst Immunity Test	BS EN 61000-6-2 Cl. No. 8: 2006	Qualitative
532	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electric Fast Transient / Burst Immunity Test	BS EN 61326-1 Cl. No. 6: 2013	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 83 / 108

Validity 13/01/2019 to 12/01/2021 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
533	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electric Fast Transient / Burst Immunity Test	CISPR 24 / BS EN 55024 Cl.No. 4.2.2 & 10: 2010	Qualitative
534	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electric Fast Transient / Burst Immunity Test	IEC 61000-6-1 / IEC 61000-6-2 Cl.No. 9: 2016	Qualitative
535	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electrostatic Discharge Immunity Test	BS EN 55024 / CISPR 24 Cl.No. 4.2.1 & 10: 2010	Qualitative
536	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electrostatic Discharge Immunity Test	BS EN 61000-4-2 Cl. No. 1 to 10: 2009	Qualitative
537	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electrostatic Discharge Immunity Test	BS EN 61000-6-1 Cl. No. 8: 2007	Qualitative
538	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electrostatic Discharge Immunity Test	BS EN 61000-6-2 Cl. No. 8: 2006	Qualitative
539	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electrostatic Discharge Immunity Test	BS EN 61326-1 Cl. No. 6: 2013	Qualitative
540	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electrostatic Discharge Immunity Test	CISPR 14-2 / BS EN 55014-2 Cl. No. 5.1: 2015	Qualitative
541	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electrostatic Discharge Immunity Test	IEC 61000-4-2: 2008	Qualitative
542	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electrostatic Discharge Immunity Test	IEC 61000-6-1 / IEC 61000-6-2 Cl.No. 9: 2016	Qualitative
543	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Electrostatic Discharge Immunity Test	IEC 61326-1 Cl.No. 6: 2012	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 84 / 108

Validity 13/01/2019 to 12/01/2021 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
544	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Harmonic Current Emission	BS EN 61326-1 Cl. No. 7: 2013	Qualitative
545	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Harmonic Current Emission	IEC 61000-3-2 / BS EN 61000-3-2 Cl. No. 1 to 7: 2014	Qualitative
546	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Harmonic Current Emission	IEC 61326-1 Cl.No. 6: 2012	Qualitative
547	ELECTRONICS- EMC TEST FACILITY	Electronics Products	High Energy / Telecom Surge Immunity Test	BS EN 61000-6-1 Cl. No. 8: 2007	Qualitative
548	ELECTRONICS- EMC TEST FACILITY	Electronics Products	High Energy / Telecom Surge Immunity Test	BS EN 61000-6-2 Cl. No. 8: 2006	Qualitative
549	ELECTRONICS- EMC TEST FACILITY	Electronics Products	High Energy / Telecom Surge Immunity Test	BS EN 61326-1 Cl. No. 6: 2013	Qualitative
550	ELECTRONICS- EMC TEST FACILITY	Electronics Products	High Energy / Telecom Surge Immunity Test	CISPR 14-2 / BS EN 55014-2 Cl. No. 5.6: 2015	Qualitative
551	ELECTRONICS- EMC TEST FACILITY	Electronics Products	High Energy / Telecom Surge Immunity Test	CISPR 24 / BS EN 55024 Cl.No. 4.2.5& 10: 2010	Qualitative
552	ELECTRONICS- EMC TEST FACILITY	Electronics Products	High Energy / Telecom Surge Immunity Test	IEC 61000-4-5 / BS EN 61000-4-5 Cl. No. 1 to 10: 2014	Qualitative
553	ELECTRONICS- EMC TEST FACILITY	Electronics Products	High Energy / Telecom Surge Immunity Test	IEC 61000-6-1 / IEC 61000-6-2 Cl.No. 9: 2016	Qualitative
554	ELECTRONICS- EMC TEST FACILITY	Electronics Products	High Energy / Telecom Surge Immunity Test	IEC 61326-1: 2012	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 85 / 108

Validity 13/01/2019 to 12/01/2021 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
555	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Impulse magnetic field immunity test	EN 61000 (Part 4/Sec 9) Cl. No. 1 to 10: 2016	Qualitative
556	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Power Frequency Magnetic Field Immunity Test	BS EN 61000-4-8 Cl. No. 1 to 10 / BS EN 55024 / CISPR 24 Cl.No. 4.2.4 & 10: 2010	Qualitative(0.8 A/m to 160 A/m)
557	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Power Frequency Magnetic Field Immunity Test	BS EN 61000-6-1 Cl. No. 8: 2007	Qualitative(0.8 A/m to 160 A/m)
558	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Power Frequency Magnetic Field Immunity Test	BS EN 61000-6-2 Cl. No. 8: 2006	Qualitative(0.8 A/m to 160 A/m)
559	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Power Frequency Magnetic Field Immunity Test	BS EN 61326-1 Cl. No. 6: 2013	Qualitative(0.8 A/m to 160 A/m)
560	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Power Frequency Magnetic Field Immunity Test	IEC 61000-4-8 Cl. No. 1 to 10: 2009	Qualitative(0.8 A/m to 160 A/m)
561	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Power Frequency Magnetic Field Immunity Test	IEC 61000-6-1 / IEC 61000-6-2 Cl.No. 9: 2016	Qualitative(0.8 A/m to 160 A/m)
562	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Power Frequency Magnetic Field Immunity Test	IEC 61326-1 Cl.No. 6: 2012	Qualitative(0.8 A/m to 160 A/m)
563	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Dips, Short Interruption & Voltage Variation Test	BS EN 55014-2 / CISPR 14-2 Cl. No. 5.7: 2015	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 86 / 108

Validity 13/01/2019 to 12/01/2021 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
564	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Dips, Short Interruption & Voltage Variation Test	BS EN 61000-6-1 Cl. No. 8: 2007	Qualitative
565	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Dips, Short Interruption & Voltage Variation Test	BS EN 61000-6-2 Cl. No. 8: 2006	Qualitative
566	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Dips, Short Interruption & Voltage Variation Test	BS EN 61326-1 Cl. No. 6: 2013	Qualitative
567	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Dips, Short Interruption & Voltage Variation Test	CISPR 24 / BS EN 55024 Cl.No. 4.2.6 & 10: 2010	Qualitative
568	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Dips, Short Interruption & Voltage Variation Test	IEC 61000-4-11 / BS EN 61000-4-11 Cl. No. 1 to 10: 2004	Qualitative
569	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Dips, Short Interruption & Voltage Variation Test	IEC 61000-6-1 / IEC 61000-6-2 Cl.No. 9: 2016	Qualitative
570	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Dips, Short Interruption & Voltage Variation Test	IEC 61326-1 Cl.No. 6: 2012	Qualitative
571	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Fluctuation & Flicker	IEC 61000-3-3 / BS EN 61000-3-3 Cl. No. 1 to 6 / BS EN 61326-1 Cl. No. 7: 2013	Qualitative
572	ELECTRONICS- EMC TEST FACILITY	Electronics Products	Voltage Fluctuation & Flicker Test	IEC 61326-1 Cl. No. 6: 2012	Qualitative
573	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Mandrel Test	EN 62368 (Part 1) Cl.No. 2.10.5.8: 2014	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 87 / 108

Validity 13/01/2019 to 12/01/2021 Last Amended on -

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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
574	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Mandrel Test	IEC 60950 (Part 1) CI.No. 2.10.5.8: 2005	Qualitative
575	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Mandrel Test	IS 13252 (Part 1) CI.No. 2.10.5.8: 2010	Qualitative
576	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Abnormal operating and Fault conditions	EN 62368 (Part 1) CI.No. 5.3: 2014	25 °C to 300 °C
577	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Abnormal operating and Fault conditions	IEC 60950 (Part 1) CI.No. 5.3: 2005	25 °C to 300 °C
578	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Abnormal operating and Fault conditions	IS 13252 (Part 1) CI.No. 5.3: 2010	25 °C to 300 °C
579	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Abrasion Test	EN 62368 (Part 1) CI.No. 2.10.8.4: 2014	Qualitative
580	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Abrasion Test	IEC 60950 (Part 1) CI.No. 2.10.8.4: 2005	Qualitative
581	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Abrasion Test	IS 13252 (Part 1) CI.No. 2.10.8.4: 2010	Qualitative
582	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Clearance, Creepage distances and distances through insulation	EN 62368 (Part 1) Cl. No. 2.10: 2014	0.01 mm to 150 mm
583	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Clearance, Creepage distances and distances through insulation	IEC 60950 (Part 1) Cl. No. 2.10: 2005	0.01 mm to 150 mm
584	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Clearance, Creepage distances and distances through insulation	IS 13252 (Part 1) Cl. No. 2.10: 2010	0.01 mm to 150 mm





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 88 / 108

Validity 13/01/2019 to 12/01/2021 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
585	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Comparative Tracking Index	EN 62368 (Part 1) CI.No. 2.10.4.2: 2014	100 V to 600 V
586	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Comparative Tracking Index	IEC 60950 (Part 1) CI.No. 2.10.4.2: 2005	100 V to 600 V
587	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Comparative Tracking Index	IS 13252 (Part 1) CI.No. 2.10.4.2: 2010	100 V to 600 V
588	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Design and Construction	EN 62368 (Part 1) CI.No. 4.3: 2014	Qualitative
589	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Design and Construction	IEC 60950 (Part 1) CI.No. 4.3: 2005	Qualitative
590	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Design and Construction	IS 13252 (Part 1) CI.No. 4.3: 2010	Qualitative
591	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Discharge of Capacitor in Equipment's	EN 62368 (Part 1) CI.No. 2.1.1.7: 2014	0.1 Vp to 400 Vp
592	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Discharge of Capacitor in Equipment's	IEC 60950 (Part 1) CI.No. 2.1.1.7: 2005	0.1 Vp to 400 Vp
593	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Discharge of Capacitor in Equipment's	IS 13252 (Part 1) CI.No. 2.1.1.7: 2010	0.1 Vp to 400 Vp
594	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Drop Test	EN 62368 (Part 1) CI.No. 4.2.6: 2014	Qualitative
595	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Drop Test	IEC 60950 (Part 1) CI.No. 4.2.6: 2005	Qualitative
596	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Drop Test	IS 13252 (Part 1) CI.No. 4.2.6: 2010	Qualitative
597	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Electric Strength	EN 62368 (Part 1) CI.No. 5.2: 2014	0.01 kV to 5 kV
598	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Electric Strength	IEC 60950 (Part 1) CI.No. 5.2: 2005	0.01 kV to 5 kV (AC & DC)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 89 / 108

Validity 13/01/2019 to 12/01/2021 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
599	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Electric Strength	IS 13252 (Part 1) CI.No. 5.2: 2010	0.01 kV to 5 kV (AC & DC)
600	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Electrical requirements and simulated abnormal conditions	EN 62368 (Part 1) CI.No. 5 & 5.1: 2014	0.01 mA to 50 mA
601	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Electrical requirements and simulated abnormal conditions	IEC 60950 (Part 1) CI.No. 5 & 5.1: 2005	0.01 mA to 50 mA
602	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Electrical requirements and simulated abnormal conditions	IS 13252 (Part 1) CI.No. 5 & 5.1: 2010	0.01 mA to 50 mA
603	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Glow wire Test	EN 62368 (Part 1) CI.No. 4.7.3: 2014	1 s to 30 s
604	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Glow wire Test	EN 62368 (Part 1) CI.No. 4.7.3: 2014	25 °C to 999 °C
605	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Glow wire Test	IEC 60950 (Part 1) CI.No. 4.7.3: 2005	1 s to 30 s
606	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Glow wire Test	IEC 60950 (Part 1) CI.No. 4.7.3: 2005	25 °C to 999 °C
607	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Glow wire Test	IS 13252 (Part 1) CI.No. 4.7.3: 2010	1 s to 30 s
608	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Glow wire Test	IS 13252 (Part 1) CI.No. 4.7.3: 2010	25 °C to 999 °C
609	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Humidity conditioning	EN 62368 (Part 1) CI.No. 2.9.2: 2014	-40 °C to 180 °C
610	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Humidity conditioning	EN 62368 (Part 1) CI. No. 2.9.2: 2014	10 %RH to 98 %RH



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 90 / 108

Validity 13/01/2019 to 12/01/2021 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
611	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Humidity conditioning	IEC 60950 (Part 1) Cl. No. 2.9.2: 2005	10 %RH to 98 %RH
612	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Humidity conditioning	IS 13252 (Part 1) Cl.No. 2.9.2: 2010	10 %RH to 95 %RH
613	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Impulse Test	EN 62368 (Part 1) Cl.No. 7.4.3: 2014	100 V to 7 kV ; 1.2/50 µs ; 10/700 µs
614	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Impulse Test	IEC 60950 (Part 1) Cl. 7.4.3: 2005	100 V to 7 kV ; 1.2/50 µs ; 10/700 µs
615	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Impulse Test	IS 13252 (Part 1) Cl. 7.4.3: 2010	100 V to 7 kV ; 1.2/50 µs ; 10/700 µs
616	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Interconnection of Equipment	EN 62368 (Part 1) Cl.No.3.5: 2014	Qualitative
617	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Interconnection of Equipment	IEC 60950 (Part 1) Cl.No.3.5: 2005	Qualitative
618	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Interconnection of Equipment	IS 13252 (Part 1) Cl.No.3.5: 2010	Qualitative
619	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Limited Current Circuits	EN 62368 (Part 1) Cl. No. 2.4: 2014	0.04 mA to 50 mA
620	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Limited Current Circuits	IEC 60950 (Part 1) Cl. No. 2.4: 2005	0.01 mA to 50 mA
621	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Limited Current Circuits	IS 13252 (Part 1) Cl. No. 2.4: 2010	0.01 mA to 50 mA



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 91 / 108

Validity 13/01/2019 to 12/01/2021 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
622	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Limited power sources	EN 62368 (Part 1) Cl.No.2.5: 2014	0.1 V to 120 V
623	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Limited power sources	IEC 60950 (Part 1) Cl. No. 2.5: 2005	0.1 V to 120 V
624	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Limited power sources	IS 13252 (Part 1) Cl.No.2.5: 2010	0.1 V to 120 V
625	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Marking & Instruction	EN 62368 (Part 1) Cl.No.1.7: 2014	Qualitative
626	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Marking & Instruction	IEC 60950 (Part 1) Cl.No.1.7: 2005	Qualitative
627	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Marking & Instruction	IS 13252 (Part 1) Cl.No.1.7: 2010	Qualitative
628	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Measurement of transient voltage	EN 62368 (Part 1) Cl. No. 2.10.3.9: 2014	100 V to 7 kV ; 1.2/50 $\mu$ s ; 10/700 $\mu$ s
629	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Measurement of transient voltage	IEC 60950 (Part 1) Cl. No. 2.10.3.9: 2005	100 V to 7 kV ; 1.2/50 $\mu$ s ; 10/700 $\mu$ s
630	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Measurement of transient voltage	IS 13252 (Part 1) Cl. No. 2.10.3.9: 2010	100 V to 7 kV ; 1.2/50 $\mu$ s ; 10/700 $\mu$ s
631	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Mechanical strength	EN 62368 (Part 1) Cl. No. 4.2.1, 4.2.2, 4.2.3, 4.2.4: 2014	0.01 N to 500 N
632	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Mechanical strength	IEC 60950 (Part 1) Cl. No. 4.2.1, 4.2.2, 4.2.3, 4.2.4: 2005	0.01 N to 500 N
633	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Mechanical strength	IS 13252 (Part 1) Cl. No. 4.2.1, 4.2.2, 4.2.3, 4.2.4: 2010	0.01 N to 500 N



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 92 / 108

Validity 13/01/2019 to 12/01/2021 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
634	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Overcurrent and earth fault protection in primary circuits	EN 62368 (Part 1) Cl. No. 2.7: 2014	Qualitative
635	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Overcurrent and earth fault protection in primary circuits	IEC 60950 (Part 1) Cl. No. 2.7: 2005	Qualitative
636	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Overcurrent and earth fault protection in primary circuits	IS 13252 (Part 1) Cl. No. 2.7: 2010	Qualitative
637	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Physical Requirements Stability	EN 62368 (Part 1) Cl. No. 4.0 & 4.1: 2014	1 ° to 20 °
638	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Physical Requirements Stability	IEC 60950 (Part 1) Cl. No. 4.0 & 4.1: 2005	1 ° to 20 °
639	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Physical Requirements Stability	IS 13252 (Part 1) Cl. No. 4.0 & 4.1: 2010	1 ° to 20 °
640	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Power Interface	EN 62368 (Part 1) Cl. No.1.6.2: 2014	15 V to 600 V (AC & DC)
641	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Power Interface	EN 62368 (Part 1) Cl. No.1.6.2: 2014	5 mA to 20 A (AC & DC)
642	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Power Interface	EN 62368 (Part 1) Cl. No.1.6.2: 2014	7.5 W to 3000 W
643	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Power Interface	IEC 60950 (Part 1) Cl. No.1.6.2: 2005	15 V to 600 V (AC & DC)
644	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Power Interface	IEC 60950 (Part 1) Cl. No.1.6.2: 2005	5 mA to 20 A (AC & DC)
645	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Power Interface	IS 13252 (Part 1) Cl. No.1.6.2: 2010	15 V to 600 V (AC & DC)



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 93 / 108

Validity 13/01/2019 to 12/01/2021 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
646	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Power Interface	IS 13252 (Part 1) Cl. No.1.6.2: 2010	5 mA to 20 A
647	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Protection against Hazardous moving parts	EN 62368 (Part 1) Cl. No.4.4: 2014	Qualitative
648	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Protection against Hazardous moving parts	IEC 60950 (Part 1) Cl. No.4.4: 2005	Qualitative
649	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Protection against Hazardous moving parts	IS 13252 (Part 1) Cl. No.4.4: 2010	Qualitative
650	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Protection From Hazards	EN 62368 (Part 1) Cl. No. 2.1: 2014	Qualitative
651	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Protection From Hazards	IEC 60950 (Part 1) Cl. No. 2.1: 2005	Qualitative
652	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Protection From Hazards	IS 13252 (Part 1) Cl. No. 2.1: 2010	Qualitative
653	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Provision for Earthing and Bonding	EN 62368 (Part 1) Cl. No. 2.6: 2014	0.001 Ohms to 0.600 Ohms
654	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Provision for Earthing and bonding	IEC 60950 (Part 1) Cl. No. 2.6: 2005	0.001 Ohms to 0.600 Ohms
655	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Provision for Earthing and Bonding	IS 13252 (Part 1) Cl. No. 2.6: 2010	0.001 to 0.600
656	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Resistance to abnormal heat	EN 62368 (Part 1) Cl. No. 4.5.5: 2014	0.001 mm to 150 mm
657	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Resistance to abnormal heat	IEC 60950 (Part 1) Cl. No. 4.5.5: 2005	25 °C to 300 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 94 / 108

Validity 13/01/2019 to 12/01/2021 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
658	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Resistance to abnormal heat	IEC 60950 (Part 1) Cl. No. 4.5.5: 2005	0.001 mm to 150 mm
659	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Resistance to abnormal heat	IS 13252 (Part 1) Cl. No. 4.5.5: 2010	0.001 mm to 150 mm
660	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Resistance to abnormal heat	IS 13252 (Part 1) Cl. No. 4.5.5: 2010	25 °C to 300 °C
661	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Resistance to fire	EN 62368 (Part 1) Cl. No. 4.7: 2014	100 °C to 700 °C
662	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Resistance to fire	IEC 60950 (Part 1) Cl. No. 4.7: 2005	100 °C to 700 °C
663	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Resistance to fire	IS 13252 (Part 1) Cl. No. 4.7: 2010	100 °C to 700 °C
664	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	SELV Circuits	EN 62368 (Part 1) Cl. No. 2.2: 2014	0.1 V to 120 V
665	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	SELV Circuits	IEC 60950 (Part 1) Cl. No. 2.2: 2005	0.1 to 120
666	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	SELV Circuits	IS 13252 (Part 1) Cl. No. 2.2: 2010	0.1 to 120
667	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Steady state test & requirement of separation between telecommunication network from earth	EN 62368 (Part 1) Cl. No. 6.1, 6.2, 6.3 : 2014	0.01 kV to 5 kV (AC & DC)
668	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Steady state test & requirement of separation between telecommunication network from earth	IEC 60950 (Part 1) Cl. No. 6.1, 6.2, 6.3: 2005	0.01 kV to 5 kV (AC & DC)



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 95 / 108

Validity 13/01/2019 to 12/01/2021 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
669	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Steady state test & requirement of separation between telecommunication network from earth	IS 13252 (Part 1) Cl. No. 6.1, 6.2, 6.3: 2010	0.01 kV to 5 kV (AC & DC)
670	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Stress relief test	EN 62368 (Part 1) Cl. No. 4.2.7: 2014	25 °C to 300 °C
671	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Stress relief test	IEC 60950 (Part 1) Cl. No. 4.2.7: 2005	25 °C to 300 °C
672	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Stress relief test	IS 13252 (Part 1) Cl. No. 4.2.7: 2010	25 °C to 300 °C
673	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Termination of conductors	EN 62368 (Part 1) Cl. No. 3.1.9: 2014	Qualitative
674	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Termination of conductors	IEC 60950 (Part 1) Cl. No. 3.1.9: 2005	Qualitative
675	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Termination of conductors	IS 13252 (Part 1) Cl. No. 3.1.9: 2010	Qualitative
676	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Thermal Requirements	EN 62368 (Part 1) Cl. No. 4.5: 2014	25 °C to 250 °C
677	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Thermal Requirements	IEC 60950 (Part 1) Cl. No. 4.5: 2005	25 °C to 250 °C
678	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Thermal Requirements	IS 13252 (Part 1) Cl. No. 4.5: 2010	25 °C to 250 °C
679	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	TNV Circuits	EN 62368 (Part 1) Cl. No. 2.3: 2014	0.1 V to 120 V
680	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	TNV Circuits	IEC 60950 (Part 1) Cl. No. 2.3: 2005	0.1 to 120





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 96 / 108

Validity 13/01/2019 to 12/01/2021 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
681	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	TNV Circuits	IS 13252 (Part 1) Cl. No. 2.3: 2010	0.1 to 120
682	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Vertical Flammability Burning tester	EN 62368 (Part 1) Cl. No.4.7 & Annex A: 2014	Qualitative
683	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Vertical Flammability Burning tester	IEC 60950 (Part 1) Cl. No.4.7 & Annex A: 2005	Qualitative
684	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Vertical Flammability Burning tester	IS 13252 (Part 1) Cl. No.4.7 & Annex A: 2010	Qualitative
685	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Voltage surge	EN 62368 (Part 1) Cl. No. 7.4.2: 2014	100 V to 10 kV
686	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Voltage surge	IS 13252 (Part 1) Cl. No. 7.4.2: 2010	100 V to 10 kV
687	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Voltage surge test	IEC 60950 (Part 1) Cl. No.7.4.2: 2005	100 V to 10 kV
688	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Wiring connection and supply	EN 62368 (Part 1) Cl. No.3.0: 2014	Qualitative
689	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Wiring connection and supply	IEC 60950 (Part 1) Cl. No.3.0: 2005	Qualitative
690	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Wiring connection and supply	IS 13252 (Part 1) Cl. No.3.0: 2010	Qualitative
691	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Wiring terminals for connection of external conductors	EN 62368 (Part 1) Cl. No.3.3: 2014	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 97 / 108

Validity 13/01/2019 to 12/01/2021 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
692	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Wiring terminals for connection of external conductors	IEC 60950 (Part 1) Cl. No.3.3: 2005	Qualitative
693	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Wiring terminals for connection of external conductors	IS 13252 (Part 1) Cl. No.3.3: 2010	Qualitative
694	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	AC and DC power isolation	IEC 62040 (Part 1) Cl. No. 5.4: 2008	Qualitative
695	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	AC and DC power isolation	IS 16242 (part 1) Cl. No. 5.4: 2014	Qualitative
696	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Clearances, Creepage distances and distances through insulation	BS EN /IEC 62040 (Part 1) Cl. No. 5.7: 2008	0.01 mm to 150 mm
697	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Clearances, Creepage distances and distances through insulation	IS 16242 (part 1) Cl. No. 5.7: 2014	0.01 mm to 150 mm
698	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Connection to telecommunication network	BS EN /IEC 62040 (Part 1) Cl. No.9: 2008	0.01 kV ( AC & DC) to 5.00 kV ( AC & DC)
699	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Connection to telecommunication network	BS EN /IEC 62040 (Part 1) Cl. No.9: 2008	100 V to 7 kV
700	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Connection to telecommunication network	IS 16242 (part 1) Cl. No.9: 2014	100 V to 7 kV



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 98 / 108

Validity 13/01/2019 to 12/01/2021 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
701	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Connection to telecommunication network	IS 16242 (part 1) Cl. No.9: 2014	0.01 kV ( AC & DC) to 5.0 kV ( AC & DC)
702	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Electric strength	BS EN /IEC 62040 (Part 1) Cl. No.8.2: 2008	0.01 kV ( AC & DC) to 5.00 kV ( AC & DC)
703	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Electric strength	IS 16242 (part 1) Cl. No.8.2 : 2014	0.01 kV ( AC & DC) to 5.00 kV ( AC & DC)
704	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	General provisions for earth leakage	BS EN /IEC 62040 ( Part 1) Cl. No.8.1 : 2008	0.01 mA to 50 mA
705	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	General provisions for earth leakage	IS 16242 (part 1) Cl. No.8.1: 2014	0.01 mA to 50 mA
706	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Mechanical strength	BS EN /IEC 62040 (Part 1) Cl. No.7.3 : 2008	10 N to 500 N
707	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Mechanical strength	IS 16242 (part 1) Cl. No.7.3 : 2014	10 N to 500 N
708	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Overcurrent and earth fault protection	IEC 62040 (Part 1) Cl. No. 5.5: 2008	Qualitative
709	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Overcurrent and earth fault protection	IS 16242 (part 1) Cl. No. 5.5: 2014	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 99 / 108

Validity 13/01/2019 to 12/01/2021 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.'

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710	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Power interfaces	IEC 62040 (Part 1) Cl. No.4.6: 2008	0 W to 4500 W
711	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Power interfaces	IEC 62040 (Part 1) Cl. No.4.6: 2008	0.1 mA to 20 A
712	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Power interfaces	IEC 62040 (Part 1) Cl. No.4.6 : 2008	0.15 V to 600 V
713	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Power interfaces	IS 16242 (part 1) Cl. No.4.6: 2014	0.1 mA to 20 A
714	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Power interfaces	IS 16242 (part 1) Cl. No.4.6: 2014	0.15 V to 600 V
715	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Power interfaces	IS 16242 (part 1) Cl. No.4.6: 2014	150 W to 4500 W
716	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Protection against electric shock and energy hazards	IEC 62040 (Part 1) Cl. No.5.1 : 2008	Qualitative
717	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Protection against electric shock and energy hazards	IS 16242 (part 1) Cl. No.5.1: 2014	Qualitative
718	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Protection of personnel- safety interlocks	IEC 62040 (Part 1) Cl. No. 5.6: 2008	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 100 / 108

Validity 13/01/2019 to 12/01/2021 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
719	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Protection of personnel- safety interlocks	IS 16242 (part 1) Cl. No. 5.6: 2014	Qualitative
720	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Protective earthing and bonding	IEC 62040 (Part 1) Cl. No. 5.3: 2008	0.001 Ohms to 0.600 Ohms
721	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Protective earthing and bonding	IS 16242 (part 1) Cl. No. 5.3 : 2014	0.001 Ohms to 0.600 Ohms
722	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Requirements for auxiliary circuits	IEC 62040 (Part 1) Cl. No.5.2 : 2008	0.1 VDC to 120 VDC
723	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Requirements for auxiliary circuits	IS 16242 (part 1) Cl. No.5.2: 2014	0.1 VDC to 120 VDC
724	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Stability	BS EN /IEC 62040 (Part 1) Cl. No. 7.2: 2008	1 ° to 20 °
725	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Stability	IS 16242 (part 1) Cl. No. 7.2: 2014	1 ° to 20 °
726	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Temperature rise	IS 16242 (part 1) Cl. No.7.7: 2014	25 °C to 250 °C
727	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Verification of Marking and instructions	IEC 62040 (Part 1) Cl. No.4.7: 2008	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 101 / 108

Validity 13/01/2019 to 12/01/2021 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
728	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS (Online/line interactive)	Verification of Marking and instructions	IS 16242 (part 1) Cl. No.4.7: 2014	Qualitative
729	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS(online/line interactive)	Resistance to fire	BS EN /IEC 62040 (Part 1) Cl. No.7.5 : 2008	500 ° C to 960 ° C
730	ELECTRONICS-POWER SUPPLIES & STABILIZERS	UPS(online/line interactive)	Resistance to fire	IS 16242 (part 1) Cl. No.7.5: 2014	500 ° C to 960 ° C
731	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Cleaning	BS EN 61010 (Part 1) Cl. No.11.2: 2010	Qualitative
732	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Cleaning	IEC 61010 (Part 1) Cl. No.11.2: 2010	Qualitative
733	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Cord Entry	BS EN 61010 (Part 1) Cl. No. 6.10.2.1: 2010	0.01 mm to 150 mm
734	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Cord Entry	IEC 61010 (Part 1) Cl. No. 6.10.2.1: 2010	0.01 mm to 150 mm
735	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Drop Test	BS EN 61010 (Part 1) Cl. No. 8.2.3: 2010	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 102 / 108

Validity 13/01/2019 to 12/01/2021 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
736	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Drop Test	IEC 61010 (Part 1) Cl. No. 8.2.3: 2010	Qualitative
737	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Equipment temperature limits and resistance to heat	BS EN 61010 (Part 1) Cl. No. 10: 2010	25 °C to 250 °C
738	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Equipment temperature limits and resistance to heat	IEC 61010 (Part 1) Cl. No. 10: 2010	25 °C to 250 °C
739	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Humidity Preconditioning	BS EN 61010 (Part 1) Cl. No. 6.8.2: 2010	-40 °C to 180 °C
740	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Humidity Preconditioning	Humidity Preconditioning Clause 6.8.2 BS EN 61010 (Part 1) Cl. No. 6.8.2: 2010	10 % to 98 %
741	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Humidity Preconditioning	IEC 61010 (Part 1) Cl. No. 6.8.2: 2010	10 % to 98 %
742	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Humidity Preconditioning	IEC 61010 (Part 1) Cl. No. 6.8.2: 2010	-40 °C to 180 °C



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 103 / 108

Validity 13/01/2019 to 12/01/2021 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
743	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Impact Test	BS EN 61010 (Part 1) Cl. No. 8.2.2: 2010	Qualitative
744	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Impact Test	IEC 61010 (Part 1) Cl. No. 8.2.2: 2010	Qualitative
745	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Impulse Voltage withstand test	BS EN 61010 (Part 1) Cl. No. 6.8.3.3: 2010	100 V to 7 kV ; 1.2/50 $\mu$ s
746	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Impulse Voltage withstand test	IEC 61010 (Part 1) Cl. No. 6.8.3.3: 2010	100 V to 7 kV ; 1.2/50 $\mu$ s
747	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Insulating Material	BS EN 61010 (Part 1) Cl. No. 10.5.3: 2010	0.01 mm to 150 mm
748	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Insulating Material	BS EN 61010 (Part 1) Cl. No. 10.5.3: 2010	25 °C to 300 °C
749	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Insulating Material	IEC 61010 (Part 1) Cl. No. 10.5.3: 2010	0.01 mm to 150 mm





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 104 / 108

Validity 13/01/2019 to 12/01/2021 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
750	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Insulating Material	IEC 61010 (Part 1) Cl. No. 10.5.3 : 2010	25 °C to 300 °C
751	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Insulation Requirements	BS EN 61010 (Part 1) Cl. No. 6.7: 2010	0.01 mm to 150 mm
752	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Insulation Requirements	BS EN 61010 (Part 1) Cl. No. 6.7: 2010	100 V to 600 V
753	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Insulation Requirements	IEC 61010 (Part 1) Cl. No. 6.7: 2010	0.01 mm to 150 mm
754	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Insulation Requirements	IEC 61010 (Part 1) Cl. No. 6.7: 2010	100 V to 600 V
755	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Integrity of clearances and creepage distances	BS EN 61010 (Part 1) Cl. No. 10.5.1: 2010	0.01 mm to 150 mm
756	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Integrity of clearances and creepage distances	IEC 61010 (Part 1) Cl. No. 10.5.1: 2010	0.01 mm to 150 mm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 105 / 108

Validity 13/01/2019 to 12/01/2021 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
757	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Limited energy circuits	IEC 61010 (Part 1) / BS EN 61010 (Part 1) Cl. No. 9.4: 2010	1 V to 120 V
758	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Main supply Test	BS EN 61010 (Part 1) Cl. No. 5.1.3: 2010	1 mA to 20 A (AC & DC)
759	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Main supply Test	IEC 61010 (Part 1) Cl. No. 5.1.3: 2010	1 mA to 20 A (AC & DC)
760	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Non-Metallic Enclosure	BS EN 61010 (Part 1) Cl. No. 10.5.2: 2010	25 °C to 300 °C
761	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Non-Metallic Enclosure	IEC 61010 (Part 1) Cl. No. 10.5.2: 2010	25 °C to 300 °C
762	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Overflow	IEC 61010 (Part 1) / BS EN 61010 (Part 1) Cl. No. 11.4: 2010	0.01 kV(AC & DC Voltages) to 5.0 kV (AC & DC Voltages)
763	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Plugs and connectors	BS EN 61010 (Part 1) Cl. No.6.10.3: 2010	0.01 V to 400 V



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-5237 Page No. : 106 / 108

Validity 13/01/2019 to 12/01/2021 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
764	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Plugs and connectors	IEC 61010 (Part 1) Cl. No.6.10.3: 2010	0.01 V to 400 V
765	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Procedure for voltage Test	BS EN 61010 (Part 1) Cl. No.6.8: 2010	0.01 kV to 5 kV
766	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Procedure for voltage Test	IEC 61010 (Part 1) Cl. No.6.8: 2010	0.01 kV to 5 kV
767	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Protection against electric shock	BS EN 61010 (Part 1) Cl. No.6: 2010	Qualitative
768	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Protection against electric shock	IEC 61010 (Part 1) Cl. No.6: 2010	Qualitative
769	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Protection by interlocks	BS EN 61010 (Part 1) Cl. No.15: 2010	Qualitative
770	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Protection by interlocks	IEC 61010 (Part 1) Cl. No.15: 2010	Qualitative



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name TUV INDIA PVT. LTD., ANJANI PALLADIUM, 203 & 204, SECOND FLOOR AND MEZZANINE FLOOR, 104B, SURVEY NO.126/1, BANER MAIN ROAD, BANER, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2005

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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
771	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Protective Bonding	BS EN 61010 (Part 1) Cl. No.6.5.2: 2010	0.001 Ohms to 0.600 Ohms
772	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Protective Bonding	IEC 61010 (Part 1) Cl. No.6.5.2: 2010	0.001 Ohm to 0.6 Ohm
773	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Spillage	IEC 61010 (Part 1) / BS EN 61010 (Part 1) Cl. No.11.3: 2010	0.01 kV (AC & DC Voltages to 5.0 kV (AC & DC Voltages
774	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Stability Test	BS EN 61010 (Part 1) Cl. No.7.4: 2010	0 ° to 20 °
775	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Stability Test	IEC 61010 (Part 1) Cl. No.7.4: 2010	0 ° to 20 °
776	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Static Test	BS EN 61010 (Part 1) Cl. No.8.2.1: 2010	Qualitative
777	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Static Test	IEC 61010 (Part 1) Cl. No.8.2.1: 2010	Qualitative



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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
778	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Testing in Single fault condition	IEC 61010 (Part 1) / BS EN 61010 (Part 1) Cl. No.4.4: 2010	0.15 V to 600 V
779	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Testing in Single fault condition	IEC 61010 (Part 1) / BS EN 61010 (Part 1) Cl. No.4.4: 2010	0.2 mW to 3000 W
780	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Testing in Single fault condition	IEC 61010 (Part 1) / BS EN 61010 (Part 1): 2010 Cl. No.4.4: 2010	1 mA to 20 A
781	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Verification of Durability and Marking	BS EN 61010 (Part 1) Cl. No. 5.3: 2010	Qualitative
782	ELECTRONICS-SAFETY TESTING FACILITY	Electrical Equipment for measurement, control and laboratory use	Verification of Durability and Marking	IEC 61010 (Part 1) Cl. No. 5.3: 2010	Qualitative