



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

1 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRONICS-MISCELLANEOUS PRODUCTS	All product with NAT features	NAT Functional Test	Test no 20 of TEC/SD/DD/TCP-222/2.4 May 2020
2	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Bit Rate Tolerance	ITU-T G.703
3	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Input Jitter Tolerance	ITU-T G.825
4	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Input Return Loss	G.703
5	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Output Jitter /Wander	ITU-T G.825
6	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Pulse Mask	ITU-T G.703
7	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	BGP Connection Collision Detection- Session management	RFC 4271 Clause 6.8 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)
8	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	Message Header Error Handling- Header error detection	RFC 4271 Clause 6.1 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

2 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	Message Header Error Handling- Message Header Rules	RFC 4271 Clause 6.1 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)
10	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	UPDATE Message Error Handling- Update error detection	RFC 4271 Clause 6.3 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)
11	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	Update-Send Process Managing BGP information	RFC 4271 Clause 9.2 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)
12	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv6 (Conformance)	Constructing the Next Hop field- BGP packet forwarding	RFC 2545 Clause 3 (Appendix I- Table 8 of TEC/SD/DD/TCP-222/2.3/ Nov19)
13	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv6 (Conformance)	Constructing the Next Hop field BGP packet forwarding	RFC 2545 Clause 3 (Appendix I- Table 8 of TEC/SD/DD/TCP-222/2.3/ Nov19)
14	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-A	Payload Format	RFC 4733 Clause 2.3 Annex P8 of (TEC/SD/DD/TCP-222/2.4/May 2020)
15	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-A	Use of RTP header fields	RFC 4733 Clause 2.2 of Annex P8 of TEC/SD/DD/TCP-222/2.4 May 2020



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

3 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
16	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-A- (Conformance)	RTP payload format for named telephones events	RFC 4733 Clause 2 Annex P8 of TEC/SD/DD/TCP-222/2.4 May 2020
17	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-C (Conformance)	DTMF: Duration negotiation	RFC 4733 Clause 2.3.5 Annex P8 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
18	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-C (Conformance)	DTMF: Negotiation of Payload	RFC 4733 Clause 2.5.1.1 Annex P8 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
19	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-C (Conformance)	DTMF: Transmission of Event Packet	RFC 4733 Clause 2.5.1.2 Annex P8 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
20	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-C (Conformance)	DTMF: Verification of sequence no. and time stamp	RFC 4733 Clause 2.2.1 Annex P8 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
21	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with Dual IP layer operation (Conformance)	Dual IP layer operation: Address Configuration	RFC 4213 Clause 2.1 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
22	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with Dual IP layer operation (Conformance)	Dual IP layer operation: DNS	RFC 4213 Clause 2.2 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

4 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
23	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with Dual IP layer operation (Conformance)	Dual IP layer operation: Tunneling	RFC 4213 Clause 3 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
24	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with IP protocol interface (Functional)	DTMF DHCP ICMPV4 ARP SCTP RTP	RFC 4733 RFC 2131 RFC 792 RFC 826 RFC 2960/RFC 4960 RFC 3551
25	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPSec Feature	IPSec Functional Test	Test No 19 of TEC/SD/DD/TCP-222/2.4 May 2020
26	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV4 Parameters (Conformance)	Addressing	RFC 791 Clause 3.2 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
27	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV4 Parameters (Conformance)	Internet Header Format	RFC 791 Clause 3.1 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
28	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV4 Parameters (Conformance)	Model of operation	RFC 791 Clause 2.2 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
29	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Becoming an Advertising Interface Router specification	RFC4861 Clause 6.2.2 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
30	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Duplicate Address Detection- Exclude unicast in DAD	RFC4862 Clause 5.4 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

5 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
31	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Extension Header Order-Ipv6 extension header processing	RFC2460/8200 Clause 4.1 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)
32	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Processing Rules- ICMPv6 packet management	RFC 4443 Clause 2.4 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
33	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Processing Rules- ICMPv6 packet processing	RFC 4443 Clause 2.4 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
34	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Source Address Determination -Address management	RFC 4443 Clause 2.2 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
35	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Source Address Determination- Source address management	RFC 4443 Clause 2.2 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
36	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Options- Ipv6 extension header processing	RFC2460/8200 Clause 4.2 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)
37	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Options- Ipv6 extension header processing action	RFC2460/8200 Clause 4.2 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

6 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
38	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Options- Ipv6 extension header processing order	RFC2460/8200 Clause 4.2 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)
39	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Protocol Requirements-- Packet fragmentation	RFC 1981 Clause 4 (Appendix I- Table 6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
40	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Routing Header- Ipv6 extension header processing action	RFC2460/8200 Clause 4.4 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)
41	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Sending Neighbor Solicitation Messages - Duplicate address detection	RFC4862 Clause 5.4.2 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)
42	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Advertisements- Peer validation	RFC4861 Clause 7.1.2 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
43	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Advertisements- Peer validation	RFC4862/RFC 4861 Clause 5.4/Clause 7.1.2 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

7 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
44	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Solicitations- Reserved field management	RFC4862/RFC 4861 Clause 5.4/Clause 7.1.1 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)
45	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Solicitations- Peer validation	RFC4862/RFC 4861 Clause 5.4/Clause 7.1.1 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)
46	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Solicitations- Peer validation	RFC4861 Clause 7.1.1 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
47	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Router Advertisement Messages- Neighborhood discovery router validation	RFC4861 Clause 6.1.2 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
48	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Router Solicitation Messages- Neighborhood Router discovery validation	RFC4861 Clause 6.1.1 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
49	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Processing Rules- ICMPv6 packet management	RFC 4443 Clause 2.4 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
50	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Flow Label	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

8 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
51	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Payload Length	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
52	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Source and Destination Address	RFC 2460/ 8200 Clause3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
53	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Traffic Class	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
54	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	IPv6 Extension Header Hop By Hop Options	RFC 2460/ 8200 Clause 4.3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
55	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	IPv6 Extension Header Options	RFC 2460/ 8200 Clause4.2 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
56	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	IPv6 Extension Header Order	RFC 2460/ 8200 Clause4.1 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
57	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	IPv6 Extension Header Routing	RFC 2460/ 8200 Clause 4.4 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

9 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
58	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Hop Limit	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
59	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: No next header after IPV6 Header	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
60	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Version Field	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
61	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	Label Request Message-TLV management	RFC5036 Clause 2.8.1 (Appendix I- Table 11 of TEC/SD/DD/TCP-222/2.3/ Nov19)
62	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	LDP Identifiers and Next Hop Addresses- LDP Database update	RFC5036 Clause 2.7 (Appendix I- Table 11 of TEC/SD/DD/TCP-222/2.3/ Nov19)
63	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	LDP Identifiers- Unique Label switch router identification.	RFC5036 Clause 2.2.2 (Appendix I- Table 11 of TEC/SD/DD/TCP-222/2.3/ Nov19)
64	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	Session Initialization-Session validation	RFC5036 Clause 2.5.3(1.c)
65	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	Transport Connection Establishment- Hello advertisement	RFC5036 Clause 2.5.2 (Appendix I- Table 11 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	10 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
66	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with MBGP (Conformance)	Error Handling- Attribute error management in MBGP	RFC4760 Clause 7 (Appendix I- Table 10 of TEC/SD/DD/TCP-222/2.3/ Nov19)
67	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with MBGP (Conformance)	Error Handling- Attribute error management in MBGP	RFC4760 Clause 7 (Appendix I- Table 10 of TEC/SD/DD/TCP-222/2.3/ Nov19)
68	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with MBGP (Conformance)	Error Handling- Attribute error management in MBGP	RFC4760 Clause 7 (Appendix I- Table 10 of TEC/SD/DD/TCP-222/2.3/ Nov19)
69	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	Events causing interface state changes- BackupSeen	RFC2328 Clause 9.2 (Appendix I-Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
70	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	Protocol Packet Processing- Sending/Receiving protocol packets	RFC2328 Clause 8.1 & 8.2 (Appendix I- Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
71	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	Sending Link State Acknowledgment packets LS Update management	RFC2328 Clause 13.5 (Appendix I-Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
72	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	Sending Link State Acknowledgment packets LS Update management	RFC2328 Clause 13.5 (Appendix I-Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	11 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
73	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	The Flooding Procedure-LS Update management	RFC2328 Clause 13(5b) (Appendix I- Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
74	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	The Flooding Procedure-Required database update identification	RFC2328 Clause 13(5a) (Appendix I- Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
75	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	Receiving protocol packets - protocol packet identification	RFC2740 Clause 3.2.2 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
76	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	Receiving protocol packets Area management with the ABRs.	RFC2740 Clause 3.2.2 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
77	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	Router-LSAs protocol packet identification	RFC2740 Clause 3.4.3.1 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
78	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	The hello packet Parameter synchronization for session establishment	RFC2740 Clause A.3.2 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
79	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	The Neighbor Data Structure- Neighbor's Interface ID	RFC2740 Clause 3.1.3 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
80	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Central Frequency	ITU-T G.959.1/ ITU-T G.693/ITU-T G.695



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

12 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
81	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Jitter Tolerance	ITU-T G.8251
82	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Mean Total Input power	ITU-T G.959.1/ ITU-T G.693/ITU-T G.695
83	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Mean total Output Power	ITU-T G.959.1/ ITU-T G.693/ ITU-T G.695
84	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Nominal Bit Rate	G.709
85	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Output Jitter	ITU-T G.8251
86	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Receiver Overload	ITU-T G.959.1/ ITU-T G.693/ ITU-T G.695
87	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Receiver Sensitivity	ITU-T G.959.1/ ITU-T G.693/ ITU-T G.695
88	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with policy function	Policy Functional Test	Test No 22 of TEC/SD/DD/TCP-222/2.4 May 2020
89	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with PPPoE	PPPoE Functional test	RFC 2516
90	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with Radius	Radius Functional test	RFC 2865



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	13 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
91	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: GSM-EFR	RFC 3551 Clause 4.5.9 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
92	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: Guidelines 1 for sample based audio encodings	RFC 3551 Clause 4.3 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
93	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: Guidelines 2 for sample based audio encodings	RFC 3551 Clause 4.4 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
94	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: Port Assignment	RFC 3551 Clause 8 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
95	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: Registering Additional Encodings	RFC 3551 Clause 3 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
96	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: Payload Type	RFC 3550 Clause 5.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
97	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: Sender report RTCP packet version	RFC 3550 Clause 6.4.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

14 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
98	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: Sequence number	RFC 3550 Clause 5.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
99	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: SSRC Identification	RFC 3550 Clause 5.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
100	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: Version and Port	RFC 3550 Clause 5.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
101	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	Generating SIP request (To, R-URI, From, Call-ID, CSeq, Max-Forwards, Via)	RFC 3261 Clause 8.1.1, 8.1.1.2 to 8.1.1.7 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
102	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	SIP Creating the initial invite	RFC 3261 Clause 13.2.1 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
103	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	SIP Dialog and Transaction	RFC 3261 Clause 12, 12.1.1, 12.1.2 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
104	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	SIP Header : Message Body Type	RFC 3261 Clause 7.4.1 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	15 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
105	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	SIP Terminating a Session with a BYE request.	RFC 3261 Clause 15 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
106	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	User Authentication	RFC 3261 Clause 21 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
107	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with TCP Parameters (Conformance)	Header Format and Sequence Numbers	RFC 793 Annex P4 of (TEC/SD/DD/TCP-222/2.3/ Nov 19): 2019 Clause 3.1, 3.3 Clause 1.4,2.3, 3.1
108	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with UDP Parameters (Conformance)	Sequence numbers	RFC 768 Annex P5 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
109	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with UDP Parameters (Conformance)	UDP Format	RFC 768 Annex P5 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
110	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with UDP Parameters (Conformance)	User Terminology	RFC 768 Annex P5 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
111	ELECTRONICS-MISCELLANEOUS PRODUCTS	Condenser Click	Condenser Click/Bell Capacitance	ETSI EN 300 001



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

16 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
112	ELECTRONICS-MISCELLANEOUS PRODUCTS	Digital Switch	General Functions / Features of Digital Switch 1. PSTN Connectivity & compatibility 2. Voice/Data functions 3. Performance Reporting 4. O & M features	TEC/IR/NGS/2MB-001/03 DEC.14
113	ELECTRONICS-MISCELLANEOUS PRODUCTS	DWDM product	Channel Spacing	ITU-T G.694.1
114	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	1)Maximum bandwidth limiting 2) Minimum guaranteed bandwidth 3) Minimum two classes of classification	ITU-T-REC-G.984.3-200803 Section 7.5, IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2
115	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	1)Port id based VLAN shall be supported at OLT 2)VLAN stacking towards the network at OLT shall be supported	G.984.1/ IEEE 802.1Q (testing procedure)- , IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

17 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
116	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	1)Switch fabric in OLT shall be able to handle full wired speed throughputs. 2) MAC learning shall be supported at OLT 3)The operator shall be able to enable/disable MAC address learning function and configure the MAC address learning aging time	G.984.1/ IEEE 802.1Q(testing procedure), IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2
117	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	DOS prevention, SSH v1/2 for CLI	ITU-T G.984.3 section V.2, SSH v2- RFC 4251
118	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	MAC address limitation per-ONT	IEEE 802.3
119	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	Support of 802.1x authenticator functionality (MAC based)	IEEE 802.1x
120	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	User name and password-based authentication	ITU-T G.984.3 section 9.2.2 ITU-T G.984.3 section 12, IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2
121	ELECTRONICS-MISCELLANEOUS PRODUCTS	Group Audio Terminal	Functions / Features of Group Audio Terminal - PSTN Connectivity - Availability of Service	TEC/IR/TX/PST-01/02.MAR 2015



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

18 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
122	ELECTRONICS-MISCELLANEOUS PRODUCTS	IoT Gateway	Each individual gateway shall have a unique "Media Access Control Address" (MAC address) mentioned in the label attached to it, by which it shall be uniquely identified within the network	As per TEC ER of IoT Gateway
123	ELECTRONICS-MISCELLANEOUS PRODUCTS	Media Gateway	Functions / Features of Media Gateway - PSTN Connectivity - Voice/Data functions - Compatibility with other networks - Performance Reporting - Operation & Maintenance	TEC/IR/SW/TMG-101/06/NOV-18
124	ELECTRONICS-MISCELLANEOUS PRODUCTS	Multi Point Conferencing Server	Functions & Features of Multi point Conferencing Server with ISDN BRI protocols	TEC/IR/SW/ICP-102/04/MAR-19
125	ELECTRONICS-MISCELLANEOUS PRODUCTS	Multi Point Conferencing Server	Functions & Features of Multi point Conferencing Server with ISDN PRI protocol	TEC/IR/SW/ICP-102/04/MAR-19



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	19 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
126	ELECTRONICS- MISCELLANEOUS PRODUCTS	PABX	General Functions / Features of PABX 1. Inter/Intra PABX Calls 2. PSTN Connectivity 3. Emergency services 4. Compatibility with existing Networks 5. Fault Localization 6. Operation & Maintenance features 7. Security & logs 8. Performance monitoring 9. Other general functions/ features etc.	TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/ SEP-16
127	ELECTRONICS- MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	DTMF Level Measurement	ITU-T Q.23, TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/ SEP-16
128	ELECTRONICS- MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Longitudinal Conversion Loss	ITU-T Q.552, TEC/GR/SW/PBX-005/01/ SEP-16, TEC/IR/SW/PBX-104/04/O CT-17
129	ELECTRONICS- MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Return Loss (Analog)	ITU-T Q.552, TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/ SEP-16



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

20 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
130	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Cross Talk	ITU-T Q.552, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/SW/PBX-104/04/OCT-17
131	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Dial Speed	TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
132	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	DTMF Frequency Measurement	ITU-T Q.23, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
133	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Idle Channel Noise	ITU-T Q.552, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/SW/PBX-104/04/OCT-17
134	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Insulation Resistance	ETSI EN 300 001, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
135	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Inter Digital Pause	TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	21 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
136	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Loop Current	ETSI EN 300 001, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/SW/PBX-104/04/OCT-17
137	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Make Break Ratio	TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
138	ELECTRONICS-MISCELLANEOUS PRODUCTS	Product with 2048 kbps (E1) interface	Pulse Shape /Characteristics (E1/2048 Kbps/ PRI) (for Width)	ITU-T G.703
139	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Bit Error Rate (STM-1 optical)	ITU-T G.826, ITU-T G.828
140	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Bit Rate / Clock Frequency with accuracy (STM-1 optical)	ITU-T G.957/ ITU-T G.707
141	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Extinction Ratio (STM-1 optical)	ITU-T G.957
142	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Eye Pattern Mask (STM-1Optical)	ITU-T G.957
143	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Jitter/Wander Tolerance (STM-1 optical)	ITU-T G.825, ITU-T G.783
144	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Mean Launch Power (STM-1 optical)	ITU-T G.957



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

22 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
145	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Operating Wavelength (STM-1 optical)	ITU-T G.957
146	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Output Jitter/Wander (STM-1 optical)	ITU-T G.825, ITU-T G.783
147	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Receiver Reflectance (STM-1 optical)	ITU-T G.957
148	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Receiver Sensitivity (STM-1 optical)	ITU-T G.957
149	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Side Mode Suppression Ratio (STM-1 optical)	ITU-T G.957
150	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Spectral Width (-20dB) (STM-1 optical)	ITU-T G.957
151	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Spectral Width (RMS) (STM-1 optical)	ITU-T G.957
152	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	AC Current	ETSI EN 300 001, TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/TX/PST-01/02.MAR 2015



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

23 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
153	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	AC Voltage	ETSI EN 300 001, TEC/IR/TX/PST-01/02.MAR 2015, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
154	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	DC Current	ETSI EN 300 001, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/TX/PST-01/02.MAR 2015
155	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	DC Voltage	ETSI EN 300 001, TEC/IR/TX/PST-01/02.MAR 2015, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
156	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	Flash	ETSI EN 300 001, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/TX/PST-01/02.MAR 2015



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

24 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
157	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	Resistance	ETSI EN 300 001/ETSI TBR-21, TEC/IR/TX/PST-01/02.MAR 2015, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
158	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Bit Error Rate (E1/2048 Kbps)	ITU-T G.821, ITU-T G.826
159	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Bit Slip (E1/2048 Kbps)	ITU-T G.822
160	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Clock frequency / Bit Rate with accuracy (E1/2048 Kbps)	ITU-T G.703
161	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Jitter/Wander Tolerance (E1/2048 Kbps)	ITU-T G.823, ITU-T G.732
162	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Output Jitter/Wander (E1/2048 Kbps)	ITU-T G.823, ITU-T G.732
163	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Pulse Shape /Characteristics (E1/2048 Kbps) (for amplitude)	ITU-T G.703
164	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Return Loss (E1/2048 Kbps)	ITU-T G.703



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

25 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
165	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Wander Measurement / Time Interval Error (E1/2048 Kbps)	ITU-T G.823
166	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Bit Error Rate (STM-16 optical)	ITU-T G.826, ITU-T G.828
167	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Extinction Ratio (STM-16 optical)	ITU-T G.957
168	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Eye Pattern Mask (STM-16 optical)	ITU-T G.957
169	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Jitter/Wander Tolerance (STM-16 optical)	ITU-T G.825, ITU-T G.783
170	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Mean Launch Power (STM-16 optical)	ITU-T G.957
171	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Operating Wavelength (STM-16 optical)	ITU-T G.957
172	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Output Jitter/Wander (STM-16 optical)	ITU-T G.825, ITU-T G.783
173	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Receiver Reflectance (STM-16 optical)	ITU-T G.957
174	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Receiver Sensitivity (STM-16 optical)	ITU-T G.957



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

26 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
175	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Side Mode Suppression Ratio (STM-16 optical)	ITU-T G.957
176	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Spectral Width (-20dB) (STM-16 optical)	ITU-T G.957
177	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Spectral Width (RMS) (STM-16 optical)	ITU-T G.957
178	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488mbps (STM-16 optical) interface	Bit Rate / Clock Frequency with accuracy (STM-16 optical)	ITU-T G.957/ ITU-T G.707
179	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Bit Error Rate (E3/34368 Kbps)	ITU-T G.821, ITU-T G.826
180	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Clock frequency / Bit Rate with accuracy (E3/34368 Kbps)	ITU-T G.703
181	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Jitter/Wander Tolerance (E3/34368 Kbps)	ITU-T G.823, ITU-T G.751
182	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Output Jitter/Wander (E3/34368 Kbps)	ITU-T G.823, ITU-T G.732, ITU-T G.751
183	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Pulse Shape / Characteristics (E3/34368 Kbps) (for amplitude)	ITU-T G.703



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

27 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
184	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Pulse Shape / Characteristics (E3/34368 Kbps) (for width)	ITU-T G.703
185	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Return Loss (E3/34368 Kbps)	ITU-T G.703
186	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Clock frequency / Nominal Bit Rate with accuracy (DS3/45 Mbps)	ITU-T G.703
187	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	DC Power	ITU-T G.703
188	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Jitter/Wander Tolerance (DS3/45 Mbps)	ITU-T G.824
189	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Output Jitter/Wander (DS3/45 Mbps)	ITU-T G.824
190	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Pulse Shape /Characteristics (DS3/45 Mbps) (for amplitude) - Width - Amplitude - Mask - Time	ITU-T G.703
191	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Pulse Shape /Characteristics (DS3/45 Mbps) (for width) - Width - Amplitude - Mask - Time	ITU-T G.703



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	28 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
192	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Receiver Sensitivity (STM-4 optical)	ITU-T G.957
193	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Side Mode Suppression Ratio (STM-4 optical)	ITU-T G.957
194	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Bit Error Rate (STM-4 optical)	ITU-T G.826, ITU-T G.828
195	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Bit Rate / Clock Frequency with accuracy (STM-4 optical)	ITU-T G.957/ ITU-T G.707
196	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Extinction Ratio (STM-4 optical)	ITU-T G.957
197	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Eye Pattern Mask (STM-4 optical)	ITU-T G.957
198	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Jitter/Wander Tolerance (STM-4 optical)	ITU-T G.825, ITU-T G.783
199	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Mean Launch Power (STM-4 optical)	ITU-T G.957
200	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Operating Wavelength (STM-4 optical)	ITU-T G.957
201	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Output Jitter/Wander (STM-4 optical)	ITU-T G.825, ITU-T G.783



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

29 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
202	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Receiver Reflectance (STM-4 optical)	ITU-T G.957
203	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Spectral Width (-20dB) (STM-4 optical)	ITU-T G.957
204	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Spectral Width (RMS) (STM-4 optical)	ITU-T G.957
205	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Input Jitter tolerance	ITU-T G.823
206	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Input return loss	ITU-T G.703
207	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Nominal Bit rate with tolerance	ITU-T G.703
208	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Output Jitter	ITU-T G.823
209	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Pulse Mask	ITU-T G.703
210	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with digital and analog interfaces	Group Delay	ITU-T Q.552, TEC/IR/NGS/2MB-001/03 DEC.14, TEC/IR/SW/PBX-104/04/O CT-17



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

30 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
211	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with digital and analog interfaces	Total Distortion	ITU-T Q.552, TEC/IR/SW/PBX-104/04/O CT-17, TEC/IR/NGS/2MB-001/03 DEC.14
212	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with digital and analog interfaces	Transmission Loss	ITU-T Q.552, TEC/IR/NGS/2MB-001/03 DEC.14, TEC/IR/SW/PBX-104/04/O CT-17
213	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with digital and analog interfaces	Weighted Noise	ITU-T Q.552, TEC/IR/SW/PBX-104/04/O CT-17, TEC/IR/NGS/2MB-001/03 DEC.14
214	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Latency	IEEE 802.3/RFC 2544
215	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Auto Negotiation	IEEE 802.3
216	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Duplex (Full or half)	IEEE 802.3
217	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Frame Loss	IEEE 802.3/RFC 2544
218	ELECTRONICS-MISCELLANEOUS PRODUCTS	products with Ethernet Electrical interfaces	Link speed test	IEEE 802.3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

31 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
219	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Throughput	IEEE 802.3/RFC 2544, G.984.1, G.987.1, G.9807.1, G.989.2 G.
220	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with G.957 interface	Multiplexing structure & Mapping (STM-1 optical to STM-16 optical)	ITU-T G.707
221	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with G.957 optical interface	Optical Return Loss	ITU-T G.957
222	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with IP protocol interface	IP Protocols (IPV4, IPV6, TCP, UDP, PPP, PPPoE, HDLC, Static Routing, RIP, OSPF, SIP/SDP, RTP/RTCP, BGP, MEGACO, MGCP (H.248), H.323)	RFC 791, RFC 2460, RFC 4861, RFC 4862, RFC 4443, RFC 1981, RFC 793, RFC 768, RFC 1661, RFC 2516, RFC 4349, RFC 3442, RFC 2453, RFC 2328, RFC 3261, RFC 3550, RFC 4271, 4760, 2545, TEC/IR/SW/TMG-101/06/N OV-18, TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/ SEP-16
223	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with IP protocol interface	SNMPv4 and SNMPV6	SNMPv4-RFC 3410, SNMPv6-RFC 3416
224	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with ISDN BRI interface	ISDN BRI Protocol	ITU-T Q.931



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

32 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
225	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with ISDN PRI interface	ISDN PRI protocol	ITU-T Q.931
226	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Layer-2 Protocols	Link Layer discovery protocol (LLDP)	IEEE 802.1ab
227	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Layer-2 Protocols	MAC Learning and Packet Forwarding	IEEE 802.1d
228	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Layer-2 Protocols	Spanning Tree Protocol	IEEE 802.1d
229	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with MFC-R2 Protocol interface	MFC-R2 Protocol	TEC/GR/LLT-01
230	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Optical Ethernet Interfaces	Operating Wavelength	IEEE 802.3
231	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Optical Ethernet Interfaces	Optical Output Power	IEEE 802.3
232	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Optical Ethernet Interfaces	Receiver Sensitivity	IEEE 802.3
233	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Line testing	IEEE 802.3ah, IEEE 802.3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	33 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
234	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Optical power	ITU-T G.984.2/G.9807.1/G.989.2/G.987.2/ IEEE 802.3/G.694.1
235	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Protocol	G.984.2/G.987.2/G.9807.1/G.989.2/ G.984.3/ G.698.3
236	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Receiver Sensitivity	ITU-T G.984.2/G.9807.1/G.989.2/G.987.2/ IEEE 802.3/G.694.1
237	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Wavelength	ITU-T G.984.2/G.9807.1/G.989.2/G.987.2/ IEEE 802.3/G.694.1
238	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Wavelength	ITU-T G.984.2/G.9807.1/G.989.2/G.987.2/ IEEE 802.3/G.694.1
239	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with SDH interfaces	Receiver Overload	ITU-T G.957/ITU-T G.691
240	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with SS7 signaling interface	SS7 Signaling Protocols 1. MTP-2 2. MTP-3 3. ISUP	ITU-T Q.781, ITU-T Q.782, ITU-T Q.784
241	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Bit Rate / Clock Frequency with accuracy (STM-64 optical)	ITU-T G.707
242	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Jitter/Wander Tolerance (STM-64 optical)	ITU-T G.783, ITU-T G.825



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	34 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
243	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Mean Launch Power (STM-64 optical)	ITU-T G.691
244	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Operating Wavelength (STM-64 optical)	ITU-T G.691
245	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Output Jitter/Wander (STM-64 optical)	ITU-T G.783, ITU-T G.825
246	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Receiver Sensitivity (STM-64 optical)	ITU-T G.691
247	ELECTRONICS-MISCELLANEOUS PRODUCTS	Router	General Functions / Features of Router 1. PSTN Connectivity 2. Data Rates 3. Availability of service 4. O & M 5. Performance reporting	TEC/IR/I/TCP-001/05 MAR 14
248	ELECTRONICS-MISCELLANEOUS PRODUCTS	Video Conferencing Equipment	Functions / Features of Video Conferencing Equipment with ISDN BRI interface - PSTN Connectivity - Video/Audio - Conference Control - Connection Rate - Availability of Service	TEC/IR/SW/ICP-102/04/MAR-19



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	35 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	ELECTRONICS-MISCELLANEOUS PRODUCTS	All product with NAT features	NAT Functional Test	Test no 20 of TEC/SD/DD/TCP-222/2.4 May 2020
2	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Bit Rate Tolerance	ITU-T G.703
3	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Input Jitter Tolerance	ITU-T G.825
4	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Input Return Loss	G.703
5	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Output Jitter /Wander	ITU-T G.825
6	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with STM-1 electrical interface	Pulse Mask	ITU-T G.703
7	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	BGP Connection Collision Detection- Session management	RFC 4271 Clause 6.8 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)
8	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	Message Header Error Handling- Header error detection	RFC 4271 Clause 6.1 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	36 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	Message Header Error Handling- Message Header Rules	RFC 4271 Clause 6.1 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)
10	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	UPDATE Message Error Handling- Update error detection	RFC 4271 Clause 6.3 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)
11	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv4 (Conformance)	Update-Send Process Managing BGP information	RFC 4271 Clause 9.2 (Appendix I- Table 9 of TEC/SD/DD/TCP-222/2.3/ Nov19)
12	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv6 (Conformance)	Constructing the Next Hop field- BGP packet forwarding	RFC 2545 Clause 3 (Appendix I- Table 8 of TEC/SD/DD/TCP-222/2.3/ Nov19)
13	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with BGP4 for IPv6 (Conformance)	Constructing the Next Hop field BGP packet forwarding	RFC 2545 Clause 3 (Appendix I- Table 8 of TEC/SD/DD/TCP-222/2.3/ Nov19)
14	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-A	Payload Format	RFC 4733 Clause 2.3 Annex P8 of (TEC/SD/DD/TCP-222/2.4/May 2020)
15	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-A	Use of RTP header fields	RFC 4733 Clause 2.2 of Annex P8 of TEC/SD/DD/TCP-222/2.4 May 2020



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	37 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
16	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-A- (Conformance)	RTP payload format for named telephones events	RFC 4733 Clause 2 Annex P8 of TEC/SD/DD/TCP-222/2.4 May 2020
17	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-C (Conformance)	DTMF: Duration negotiation	RFC 4733 Clause 2.3.5 Annex P8 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
18	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-C (Conformance)	DTMF: Negotiation of Payload	RFC 4733 Clause 2.5.1.1 Annex P8 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
19	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-C (Conformance)	DTMF: Transmission of Event Packet	RFC 4733 Clause 2.5.1.2 Annex P8 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
20	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with DTMF Parameters Set-C (Conformance)	DTMF: Verification of sequence no. and time stamp	RFC 4733 Clause 2.2.1 Annex P8 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
21	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with Dual IP layer operation (Conformance)	Dual IP layer operation: Address Configuration	RFC 4213 Clause 2.1 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
22	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with Dual IP layer operation (Conformance)	Dual IP layer operation: DNS	RFC 4213 Clause 2.2 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	38 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
23	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with Dual IP layer operation (Conformance)	Dual IP layer operation: Tunneling	RFC 4213 Clause 3 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
24	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with IP protocol interface (Functional)	DTMF DHCP ICMPV4 ARP SCTP RTP	RFC 4733 RFC 2131 RFC 792 RFC 826 RFC 2960/RFC 4960 RFC 3551
25	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPSec Feature	IPSec Functional Test	Test No 19 of TEC/SD/DD/TCP-222/2.4 May 2020
26	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV4 Parameters (Conformance)	Addressing	RFC 791 Clause 3.2 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
27	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV4 Parameters (Conformance)	Internet Header Format	RFC 791 Clause 3.1 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
28	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV4 Parameters (Conformance)	Model of operation	RFC 791 Clause 2.2 (Annexure P6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
29	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Becoming an Advertising Interface Router specification	RFC4861 Clause 6.2.2 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
30	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Duplicate Address Detection- Exclude unicast in DAD	RFC4862 Clause 5.4 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	39 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
31	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Extension Header Order- Ipv6 extension header processing	RFC2460/8200 Clause 4.1 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)
32	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Processing Rules- ICMPv6 packet management	RFC 4443 Clause 2.4 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
33	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Processing Rules- ICMPv6 packet processing	RFC 4443 Clause 2.4 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
34	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Source Address Determination -Address management	RFC 4443 Clause 2.2 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
35	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Source Address Determination- Source address management	RFC 4443 Clause 2.2 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
36	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Options- Ipv6 extension header processing	RFC2460/8200 Clause 4.2 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)
37	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Options- Ipv6 extension header processing action	RFC2460/8200 Clause 4.2 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

40 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
38	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Options- Ipv6 extension header processing order	RFC2460/8200 Clause 4.2 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)
39	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Protocol Requirements-- Packet fragmentation	RFC 1981 Clause 4 (Appendix I- Table 6 of TEC/SD/DD/TCP-222/2.3/ Nov19)
40	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Routing Header- Ipv6 extension header processing action	RFC2460/8200 Clause 4.4 (Appendix I- Table 3 of TEC/SD/DD/TCP-222/2.3/ Nov19)
41	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Sending Neighbor Solicitation Messages - Duplicate address detection	RFC4862 Clause 5.4.2 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)
42	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Advertisements- Peer validation	RFC4861 Clause 7.1.2 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
43	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Advertisements- Peer validation	RFC4862/RFC 4861 Clause 5.4/Clause 7.1.2 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

41 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
44	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Solicitations- Reserved field management	RFC4862/RFC 4861 Clause 5.4/Clause 7.1.1 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)
45	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Solicitations- Peer validation	RFC4862/RFC 4861 Clause 5.4/Clause 7.1.1 (Appendix I- Table 5 of TEC/SD/DD/TCP-222/2.3/ Nov19)
46	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Neighbor Solicitations- Peer validation	RFC4861 Clause 7.1.1 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
47	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Router Advertisement Messages- Neighborhood discovery router validation	RFC4861 Clause 6.1.2 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
48	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Validation of Router Solicitation Messages- Neighborhood Router discovery validation	RFC4861 Clause 6.1.1 (Appendix I- Table 4 of TEC/SD/DD/TCP-222/2.3/ Nov19)
49	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Complete Suite (Conformance)	Message Processing Rules- ICMPv6 packet management	RFC 4443 Clause 2.4 (Appendix I- Table 7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
50	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Flow Label	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

42 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
51	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Payload Length	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
52	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Source and Destination Address	RFC 2460/ 8200 Clause3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
53	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Traffic Class	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
54	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	IPv6 Extension Header Hop By Hop Options	RFC 2460/ 8200 Clause 4.3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
55	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	IPv6 Extension Header Options	RFC 2460/ 8200 Clause4.2 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
56	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	IPv6 Extension Header Order	RFC 2460/ 8200 Clause4.1 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
57	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	IPv6 Extension Header Routing	RFC 2460/ 8200 Clause 4.4 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	43 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
58	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Hop Limit	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
59	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: No next header after IPv6 Header	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
60	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with IPV6 Header Parameters (Conformance)	Header: Version Field	RFC 2460/ 8200 Clause 3 (Annexure P7 of TEC/SD/DD/TCP-222/2.3/ Nov19)
61	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	Label Request Message-TLV management	RFC5036 Clause 2.8.1 (Appendix I- Table 11 of TEC/SD/DD/TCP-222/2.3/ Nov19)
62	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	LDP Identifiers and Next Hop Addresses- LDP Database update	RFC5036 Clause 2.7 (Appendix I- Table 11 of TEC/SD/DD/TCP-222/2.3/ Nov19)
63	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	LDP Identifiers- Unique Label switch router identification.	RFC5036 Clause 2.2.2 (Appendix I- Table 11 of TEC/SD/DD/TCP-222/2.3/ Nov19)
64	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	Session Initialization-Session validation	RFC5036 Clause 2.5.3(1.c)
65	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with LDP (Conformance)	Transport Connection Establishment- Hello advertisement	RFC5036 Clause 2.5.2 (Appendix I- Table 11 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	44 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
66	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with MBGP (Conformance)	Error Handling- Attribute error management in MBGP	RFC4760 Clause 7 (Appendix I- Table 10 of TEC/SD/DD/TCP-222/2.3/ Nov19)
67	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with MBGP (Conformance)	Error Handling- Attribute error management in MBGP	RFC4760 Clause 7 (Appendix I- Table 10 of TEC/SD/DD/TCP-222/2.3/ Nov19)
68	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with MBGP (Conformance)	Error Handling- Attribute error management in MBGP	RFC4760 Clause 7 (Appendix I- Table 10 of TEC/SD/DD/TCP-222/2.3/ Nov19)
69	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	Events causing interface state changes- BackupSeen	RFC2328 Clause 9.2 (Appendix I-Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
70	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	Protocol Packet Processing- Sending/Receiving protocol packets	RFC2328 Clause 8.1 & 8.2 (Appendix I- Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
71	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	Sending Link State Acknowledgment packets LS Update management	RFC2328 Clause 13.5 (Appendix I-Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
72	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	Sending Link State Acknowledgment packets LS Update management	RFC2328 Clause 13.5 (Appendix I-Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	45 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
73	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	The Flooding Procedure-LS Update management	RFC2328 Clause 13(5b) (Appendix I- Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
74	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv2 (Conformance)	The Flooding Procedure-Required database update identification	RFC2328 Clause 13(5a) (Appendix I- Table 1 of TEC/SD/DD/TCP-222/2.3/ Nov19)
75	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	Receiving protocol packets - protocol packet identification	RFC2740 Clause 3.2.2 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
76	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	Receiving protocol packets Area management with the ABRs.	RFC2740 Clause 3.2.2 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
77	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	Router-LSAs protocol packet identification	RFC2740 Clause 3.4.3.1 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
78	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	The hello packet Parameter synchronization for session establishment	RFC2740 Clause A.3.2 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
79	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with OSPFv3 (Conformance)	The Neighbor Data Structure- Neighbor's Interface ID	RFC2740 Clause 3.1.3 (Appendix I- Table 2 of TEC/SD/DD/TCP-222/2.3/ Nov19)
80	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Central Frequency	ITU-T G.959.1/ ITU-T G.693/ITU-T G.695



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

46 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
81	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Jitter Tolerance	ITU-T G.8251
82	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Mean Total Input power	ITU-T G.959.1/ ITU-T G.693/ITU-T G.695
83	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Mean total Output Power	ITU-T G.959.1/ ITU-T G.693/ ITU-T G.695
84	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Nominal Bit Rate	G.709
85	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Output Jitter	ITU-T G.8251
86	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Receiver Overload	ITU-T G.959.1/ ITU-T G.693/ ITU-T G.695
87	ELECTRONICS-MISCELLANEOUS PRODUCTS	All Products with OTU interfaces	Receiver Sensitivity	ITU-T G.959.1/ ITU-T G.693/ ITU-T G.695
88	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with policy function	Policy Functional Test	Test No 22 of TEC/SD/DD/TCP-222/2.4 May 2020
89	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with PPPoE	PPPoE Functional test	RFC 2516
90	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with Radius	Radius Functional test	RFC 2865



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	47 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
91	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: GSM-EFR	RFC 3551 Clause 4.5.9 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
92	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: Guidelines 1 for sample based audio encodings	RFC 3551 Clause 4.3 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
93	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: Guidelines 2 for sample based audio encodings	RFC 3551 Clause 4.4 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
94	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: Port Assignment	RFC 3551 Clause 8 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
95	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTCP Parameters Set-A (Conformance)	RTCP: Registering Additional Encodings	RFC 3551 Clause 3 Annex P3 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
96	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: Payload Type	RFC 3550 Clause 5.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
97	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: Sender report RTCP packet version	RFC 3550 Clause 6.4.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	48 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
98	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: Sequence number	RFC 3550 Clause 5.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
99	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: SSRC Identification	RFC 3550 Clause 5.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
100	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with RTP Parameters Set-A (Conformance)	RTP: Version and Port	RFC 3550 Clause 5.1 Annex P2 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
101	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	Generating SIP request (To, R-URI, From, Call-ID, CSeq, Max-Forwards, Via)	RFC 3261 Clause 8.1.1, 8.1.1.2 to 8.1.1.7 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
102	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	SIP Creating the initial invite	RFC 3261 Clause 13.2.1 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
103	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	SIP Dialog and Transaction	RFC 3261 Clause 12, 12.1.1, 12.1.2 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
104	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	SIP Header : Message Body Type	RFC 3261 Clause 7.4.1 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

49 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
105	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	SIP Terminating a Session with a BYE request.	RFC 3261 Clause 15 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
106	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with SIP Parameters Set-A (Conformance)	User Authentication	RFC 3261 Clause 21 Annex P1 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
107	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with TCP Parameters (Conformance)	Header Format and Sequence Numbers	RFC 793 Annex P4 of (TEC/SD/DD/TCP-222/2.3/ Nov 19): 2019 Clause 3.1, 3.3 Clause 1.4,2.3, 3.1
108	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with UDP Parameters (Conformance)	Sequence numbers	RFC 768 Annex P5 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
109	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with UDP Parameters (Conformance)	UDP Format	RFC 768 Annex P5 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
110	ELECTRONICS-MISCELLANEOUS PRODUCTS	All products with UDP Parameters (Conformance)	User Terminology	RFC 768 Annex P5 of (TEC/SD/DD/TCP-222/2.3/ Nov 19)
111	ELECTRONICS-MISCELLANEOUS PRODUCTS	Condenser Click	Condenser Click/Bell Capacitance	ETSI EN 300 001



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	50 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
112	ELECTRONICS-MISCELLANEOUS PRODUCTS	Digital Switch	General Functions / Features of Digital Switch 1. PSTN Connectivity & compatibility 2. Voice/Data functions 3. Performance Reporting 4. O & M features	TEC/IR/NGS/2MB-001/03 DEC.14
113	ELECTRONICS-MISCELLANEOUS PRODUCTS	DWDM product	Channel Spacing	ITU-T G.694.1
114	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	1)Maximum bandwidth limiting 2) Minimum guaranteed bandwidth 3) Minimum two classes of classification	ITU-T-REC-G.984.3-200803 Section 7.5, IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2
115	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	1)Port id based VLAN shall be supported at OLT 2)VLAN stacking towards the network at OLT shall be supported	G.984.1/ IEEE 802.1Q (testing procedure)- , IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	51 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
116	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	1)Switch fabric in OLT shall be able to handle full wired speed throughputs. 2) MAC learning shall be supported at OLT 3)The operator shall be able to enable/disable MAC address learning function and configure the MAC address learning aging time	G.984.1/ IEEE 802.1Q(testing procedure), IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2
117	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	DOS prevention, SSH v1/2 for CLI	ITU-T G.984.3 section V.2, SSH v2- RFC 4251
118	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	MAC address limitation per-ONT	IEEE 802.3
119	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	Support of 802.1x authenticator functionality (MAC based)	IEEE 802.1x
120	ELECTRONICS-MISCELLANEOUS PRODUCTS	Functions and Features of PON Products	User name and password-based authentication	ITU-T G.984.3 section 9.2.2 ITU-T G.984.3 section 12, IEEE 802.3ah, G.987.2, G.9807.1, G.694.1, G.989.2
121	ELECTRONICS-MISCELLANEOUS PRODUCTS	Group Audio Terminal	Functions / Features of Group Audio Terminal - PSTN Connectivity - Availability of Service	TEC/IR/TX/PST-01/02.MAR 2015



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

52 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
122	ELECTRONICS- MISCELLANEOUS PRODUCTS	IoT Gateway	Each individual gateway shall have a unique "Media Access Control Address" (MAC address) mentioned in the label attached to it, by which it shall be uniquely identified within the network	As per TEC ER of IoT Gateway
123	ELECTRONICS- MISCELLANEOUS PRODUCTS	Media Gateway	Functions / Features of Media Gateway - PSTN Connectivity - Voice/Data functions - Compatibility with other networks - Performance Reporting - Operation & Maintenance	TEC/IR/SW/TMG-101/06/NOV-18
124	ELECTRONICS- MISCELLANEOUS PRODUCTS	Multi Point Conferencing Server	Functions & Features of Multi point Conferencing Server with ISDN BRI protocols	TEC/IR/SW/ICP-102/04/MAR-19
125	ELECTRONICS- MISCELLANEOUS PRODUCTS	Multi Point Conferencing Server	Functions & Features of Multi point Conferencing Server with ISDN PRI protocol	TEC/IR/SW/ICP-102/04/MAR-19



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	53 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
126	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX	General Functions / Features of PABX 1. Inter/Intra PABX Calls 2. PSTN Connectivity 3. Emergency services 4. Compatibility with existing Networks 5. Fault Localization 6. Operation & Maintenance features 7. Security & logs 8. Performance monitoring 9. Other general functions/ features etc.	TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/SEP-16
127	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	DTMF Level Measurement	ITU-T Q.23, TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/SEP-16
128	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Longitudinal Conversion Loss	ITU-T Q.552, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/SW/PBX-104/04/O CT-17
129	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Return Loss (Analog)	ITU-T Q.552, TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/SEP-16



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

54 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
130	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Cross Talk	ITU-T Q.552, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/SW/PBX-104/04/OCT-17
131	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Dial Speed	TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
132	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	DTMF Frequency Measurement	ITU-T Q.23, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
133	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Idle Channel Noise	ITU-T Q.552, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/SW/PBX-104/04/OCT-17
134	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Insulation Resistance	ETSI EN 300 001, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
135	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Inter Digital Pause	TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

55 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
136	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Loop Current	ETSI EN 300 001, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/SW/PBX-104/04/OCT-17
137	ELECTRONICS-MISCELLANEOUS PRODUCTS	PABX, Group Audio Terminal and other products with 2 wire analog interface	Make Break Ratio	TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
138	ELECTRONICS-MISCELLANEOUS PRODUCTS	Product with 2048 kbps (E1) interface	Pulse Shape /Characteristics (E1/2048 Kbps/ PRI) (for Width)	ITU-T G.703
139	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Bit Error Rate (STM-1 optical)	ITU-T G.826, ITU-T G.828
140	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Bit Rate / Clock Frequency with accuracy (STM-1 optical)	ITU-T G.957/ ITU-T G.707
141	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Extinction Ratio (STM-1 optical)	ITU-T G.957
142	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Eye Pattern Mask (STM-1Optical)	ITU-T G.957
143	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Jitter/Wander Tolerance (STM-1 optical)	ITU-T G.825, ITU-T G.783
144	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Mean Launch Power (STM-1 optical)	ITU-T G.957



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

56 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
145	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Operating Wavelength (STM-1 optical)	ITU-T G.957
146	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Output Jitter/Wander (STM-1 optical)	ITU-T G.825, ITU-T G.783
147	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Receiver Reflectance (STM-1 optical)	ITU-T G.957
148	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Receiver Sensitivity (STM-1 optical)	ITU-T G.957
149	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Side Mode Suppression Ratio (STM-1 optical)	ITU-T G.957
150	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Spectral Width (-20dB) (STM-1 optical)	ITU-T G.957
151	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 155mbps (STM-1 optical) interface	Spectral Width (RMS) (STM-1 optical)	ITU-T G.957
152	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	AC Current	ETSI EN 300 001, TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/TX/PST-01/02.MAR 2015



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	57 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
153	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	AC Voltage	ETSI EN 300 001, TEC/IR/TX/PST-01/02.MAR 2015, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
154	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	DC Current	ETSI EN 300 001, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/TX/PST-01/02.MAR 2015
155	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	DC Voltage	ETSI EN 300 001, TEC/IR/TX/PST-01/02.MAR 2015, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
156	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	Flash	ETSI EN 300 001, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16, TEC/IR/TX/PST-01/02.MAR 2015



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

58 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
157	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2 wire analog interface	Resistance	ETSI EN 300 001/ETSI TBR-21, TEC/IR/TX/PST-01/02.MAR 2015, TEC/IR/SW/PBX-104/04/OCT-17, TEC/GR/SW/PBX-005/01/SEP-16
158	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Bit Error Rate (E1/2048 Kbps)	ITU-T G.821, ITU-T G.826
159	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Bit Slip (E1/2048 Kbps)	ITU-T G.822
160	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Clock frequency / Bit Rate with accuracy (E1/2048 Kbps)	ITU-T G.703
161	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Jitter/Wander Tolerance (E1/2048 Kbps)	ITU-T G.823, ITU-T G.732
162	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Output Jitter/Wander (E1/2048 Kbps)	ITU-T G.823, ITU-T G.732
163	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Pulse Shape /Characteristics (E1/2048 Kbps) (for amplitude)	ITU-T G.703
164	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Return Loss (E1/2048 Kbps)	ITU-T G.703



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	59 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
165	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2048 kbps (E1/ PRI) interface	Wander Measurement / Time Interval Error (E1/2048 Kbps)	ITU-T G.823
166	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Bit Error Rate (STM-16 optical)	ITU-T G.826, ITU-T G.828
167	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Extinction Ratio (STM-16 optical)	ITU-T G.957
168	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Eye Pattern Mask (STM-16 optical)	ITU-T G.957
169	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Jitter/Wander Tolerance (STM-16 optical)	ITU-T G.825, ITU-T G.783
170	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Mean Launch Power (STM-16 optical)	ITU-T G.957
171	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Operating Wavelength (STM-16 optical)	ITU-T G.957
172	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Output Jitter/Wander (STM-16 optical)	ITU-T G.825, ITU-T G.783
173	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Receiver Reflectance (STM-16 optical)	ITU-T G.957
174	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Receiver Sensitivity (STM-16 optical)	ITU-T G.957



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

60 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
175	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Side Mode Suppression Ratio (STM-16 optical)	ITU-T G.957
176	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Spectral Width (-20dB) (STM-16 optical)	ITU-T G.957
177	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488 mbps (STM-16 optical) interface	Spectral Width (RMS) (STM-16 optical)	ITU-T G.957
178	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 2488mbps (STM-16 optical) interface	Bit Rate / Clock Frequency with accuracy (STM-16 optical)	ITU-T G.957/ ITU-T G.707
179	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Bit Error Rate (E3/34368 Kbps)	ITU-T G.821, ITU-T G.826
180	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Clock frequency / Bit Rate with accuracy (E3/34368 Kbps)	ITU-T G.703
181	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Jitter/Wander Tolerance (E3/34368 Kbps)	ITU-T G.823, ITU-T G.751
182	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Output Jitter/Wander (E3/34368 Kbps)	ITU-T G.823, ITU-T G.732, ITU-T G.751
183	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Pulse Shape / Characteristics (E3/34368 Kbps) (for amplitude)	ITU-T G.703



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	61 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
184	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Pulse Shape / Characteristics (E3/34368 Kbps) (for width)	ITU-T G.703
185	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 34,368 kbps (E3) interface	Return Loss (E3/34368 Kbps)	ITU-T G.703
186	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Clock frequency / Nominal Bit Rate with accuracy (DS3/45 Mbps)	ITU-T G.703
187	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	DC Power	ITU-T G.703
188	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Jitter/Wander Tolerance (DS3/45 Mbps)	ITU-T G.824
189	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Output Jitter/Wander (DS3/45 Mbps)	ITU-T G.824
190	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Pulse Shape /Characteristics (DS3/45 Mbps) (for amplitude) - Width - Amplitude - Mask - Time	ITU-T G.703
191	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 45 Mbps (DS3) interface	Pulse Shape /Characteristics (DS3/45 Mbps) (for width) - Width - Amplitude - Mask - Time	ITU-T G.703



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

62 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
192	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Receiver Sensitivity (STM-4 optical)	ITU-T G.957
193	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Side Mode Suppression Ratio (STM-4 optical)	ITU-T G.957
194	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Bit Error Rate (STM-4 optical)	ITU-T G.826, ITU-T G.828
195	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Bit Rate / Clock Frequency with accuracy (STM-4 optical)	ITU-T G.957/ ITU-T G.707
196	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Extinction Ratio (STM-4 optical)	ITU-T G.957
197	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Eye Pattern Mask (STM-4 optical)	ITU-T G.957
198	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Jitter/Wander Tolerance (STM-4 optical)	ITU-T G.825, ITU-T G.783
199	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Mean Launch Power (STM-4 optical)	ITU-T G.957
200	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Operating Wavelength (STM-4 optical)	ITU-T G.957
201	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Output Jitter/Wander (STM-4 optical)	ITU-T G.825, ITU-T G.783



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	63 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
202	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Receiver Reflectance (STM-4 optical)	ITU-T G.957
203	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Spectral Width (-20dB) (STM-4 optical)	ITU-T G.957
204	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 622mbps (STM-4 optical) interface	Spectral Width (RMS) (STM-4 optical)	ITU-T G.957
205	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Input Jitter tolerance	ITU-T G.823
206	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Input return loss	ITU-T G.703
207	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Nominal Bit rate with tolerance	ITU-T G.703
208	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Output Jitter	ITU-T G.823
209	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with 8Mbps (E2) interface	Pulse Mask	ITU-T G.703
210	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with digital and analog interfaces	Group Delay	ITU-T Q.552, TEC/IR/NGS/2MB-001/03 DEC.14, TEC/IR/SW/PBX-104/04/O CT-17



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

64 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
211	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with digital and analog interfaces	Total Distortion	ITU-T Q.552, TEC/IR/SW/PBX-104/04/O CT-17, TEC/IR/NGS/2MB-001/03 DEC.14
212	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with digital and analog interfaces	Transmission Loss	ITU-T Q.552, TEC/IR/NGS/2MB-001/03 DEC.14, TEC/IR/SW/PBX-104/04/O CT-17
213	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with digital and analog interfaces	Weighted Noise	ITU-T Q.552, TEC/IR/SW/PBX-104/04/O CT-17, TEC/IR/NGS/2MB-001/03 DEC.14
214	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Latency	IEEE 802.3/RFC 2544
215	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Auto Negotiation	IEEE 802.3
216	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Duplex (Full or half)	IEEE 802.3
217	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Frame Loss	IEEE 802.3/RFC 2544
218	ELECTRONICS-MISCELLANEOUS PRODUCTS	products with Ethernet Electrical interfaces	Link speed test	IEEE 802.3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

65 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
219	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Ethernet Electrical interfaces	Throughput	IEEE 802.3/RFC 2544, G.984.1, G.987.1, G.9807.1, G.989.2 G.
220	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with G.957 interface	Multiplexing structure & Mapping (STM-1 optical to STM-16 optical)	ITU-T G.707
221	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with G.957 optical interface	Optical Return Loss	ITU-T G.957
222	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with IP protocol interface	IP Protocols (IPV4, IPV6, TCP, UDP, PPP, PPPoE, HDLC, Static Routing, RIP, OSPF, SIP/SDP, RTP/RTCP, BGP, MEGACO, MGCP (H.248), H.323)	RFC 791, RFC 2460, RFC 4861, RFC 4862, RFC 4443, RFC 1981, RFC 793, RFC 768, RFC 1661, RFC 2516, RFC 4349, RFC 3442, RFC 2453 ,RFC 2328, RFC 3261, RFC 3550, RFC 4271,4760, 2545, TEC/IR/SW/TMG-101/06/N OV-18, TEC/IR/SW/PBX-104/04/O CT-17, TEC/GR/SW/PBX-005/01/ SEP-16
223	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with IP protocol interface	SNMPv4 and SNMPV6	SNMPv4-RFC 3410, SNMPv6-RFC 3416
224	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with ISDN BRI interface	ISDN BRI Protocol	ITU-T Q.931



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5853

Page No

66 of 68

Validity

03/09/2020 to 02/09/2022

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
225	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with ISDN PRI interface	ISDN PRI protocol	ITU-T Q.931
226	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Layer-2 Protocols	Link Layer discovery protocol (LLDP)	IEEE 802.1ab
227	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Layer-2 Protocols	MAC Learning and Packet Forwarding	IEEE 802.1d
228	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Layer-2 Protocols	Spanning Tree Protocol	IEEE 802.1d
229	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with MFC-R2 Protocol interface	MFC-R2 Protocol	TEC/GR/LLT-01
230	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Optical Ethernet Interfaces	Operating Wavelength	IEEE 802.3
231	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Optical Ethernet Interfaces	Optical Output Power	IEEE 802.3
232	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with Optical Ethernet Interfaces	Receiver Sensitivity	IEEE 802.3
233	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Line testing	IEEE 802.3ah, IEEE 802.3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA	Page No	67 of 68
Accreditation Standard	ISO/IEC 17025:2017	Last Amended on	-
Certificate Number	TC-5853		
Validity	03/09/2020 to 02/09/2022		

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
234	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Optical power	ITU-T G.984.2/G.9807.1/G.989.2/G.987.2/ IEEE 802.3/G.694.1
235	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Protocol	G.984.2/G.987.2/G.9807.1/G.989.2/ G.984.3/ G.698.3
236	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Receiver Sensitivity	ITU-T G.984.2/G.9807.1/G.989.2/G.987.2/ IEEE 802.3/G.694.1
237	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Wavelength	ITU-T G.984.2/G.9807.1/G.989.2/G.987.2/ IEEE 802.3/G.694.1
238	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with PON interfaces	Wavelength	ITU-T G.984.2/G.9807.1/G.989.2/G.987.2/ IEEE 802.3/G.694.1
239	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with SDH interfaces	Receiver Overload	ITU-T G.957/ITU-T G.691
240	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with SS7 signaling interface	SS7 Signaling Protocols 1. MTP-2 2. MTP-3 3. ISUP	ITU-T Q.781, ITU-T Q.782, ITU-T Q.784
241	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Bit Rate / Clock Frequency with accuracy (STM-64 optical)	ITU-T G.707
242	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Jitter/Wander Tolerance (STM-64 optical)	ITU-T G.783, ITU-T G.825



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COMPLIANCE INTERNATIONAL TELECOM LABORATORIES(A UNIT OF COMPLIANCE INTERNATIONAL PVT LTD), X-35, 3RD FLOOR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5853	Page No	68 of 68
Validity	03/09/2020 to 02/09/2022	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
243	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Mean Launch Power (STM-64 optical)	ITU-T G.691
244	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Operating Wavelength (STM-64 optical)	ITU-T G.691
245	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Output Jitter/Wander (STM-64 optical)	ITU-T G.783, ITU-T G.825
246	ELECTRONICS-MISCELLANEOUS PRODUCTS	Products with STM-64 Optical Interface	Receiver Sensitivity (STM-64 optical)	ITU-T G.691
247	ELECTRONICS-MISCELLANEOUS PRODUCTS	Router	General Functions / Features of Router 1. PSTN Connectivity 2. Data Rates 3. Availability of service 4. O & M 5. Performance reporting	TEC/IR/I/TCP-001/05 MAR 14
248	ELECTRONICS-MISCELLANEOUS PRODUCTS	Video Conferencing Equipment	Functions / Features of Video Conferencing Equipment with ISDN BRI interface - PSTN Connectivity - Video/Audio - Conference Control - Connection Rate - Availability of Service	TEC/IR/SW/ICP-102/04/MAR-19