



GOVERNMENT OF INDIA MINISTRY OF COMMUNICATIONS DEPARTMENT OF TELECOMMUNICATIONS TELECOMMUNICATION ENGINEERING CENTRE Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001

CERTIFICATE OF DESIGNATION

M/s Compliance International Telecom Laboratories (A unit of Compliance International Pvt. Ltd.)

has been assessed and designated as Conformity Assessment Body (CAB) for its facilities at

X-35, 3rd Floor, Okhla Phase-II, New Delhi-110 002

In the field of Testing

Certificate No. TEC/MRA/CAB/IND-D/71-II

Issue Date: 31/03/2022

Valid Until: 30/03/2025

This Certificate remains valid for the Scope of Designation as specified in the Annexure subject to the continued validity of NABL Accreditation and satisfied compliance to the Standards/specifications against which lab has been designated and strict compliance to the relevant terms and conditions of TEC CAB Designation Scheme.

(To see the scope of designation of this laboratory, you may also visit TEC website www.tec.gov.in)

Signed for and on behalf of TEC

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⁷ Prasanth Kumar Deputy Director General (MTCTE) For Designating Authority TEC



Certificate No: TEC/MRA/CAB/IND-D/71-II dated 31/03/2022 issued to M/s Compliance International Telecom Laboratories (A unit of Compliance International Pvt. Ltd.) X-35, 3rd Floor, Okhla Phase-II, New Delhi-110 002

Validity: 31/03/2022 to 30/03/2025

Terms & Conditions

This certificate is issued as per the terms and conditions stipulated in the TEC Scheme for Designating Domestic Conformity Assessment Bodies and Certification Bodies for Conformity Assessment and Certification of Telecommunication Equipment Issue 2 No. TEC/DES-01/02.DEC.2017.

Some of the conditions are reiterated as under:

A. Obligations of the Designated CAB.

- 1. It shall ensure that it maintains its accreditation status from any recognised Indian accreditation body like NABL during validity period of certificate.
- 2. It shall follow the stipulated procedures, rules and policies laid down by Designating Authority (DA) or Mutual Recognition Agreement (MRA)* partner for testing and evaluation.
- 3. In respect of tests for which it is seeking designation, it shall have no interest whatsoever in any business to carry out testing in an unfair or biased manner.
- 4. It shall fully indemnify DA from and against all liabilities, damages, claims, costs, and expenses incurred or sustained by DA as a result of any action taken or omitted by DA relating to the process of designation.
- 5. It shall comply with DA's or MRA partner's terms and conditions for designation and recognition as modified from time to time.
- 6. It shall be under obligation to participate in the online process prescribed by TEC for test and certification against TEC's GR/IR/ER and Standards.
- 7. It shall have a record system which shall have a retention period of at least 5 years for documents related to the equipment testing. It shall maintain all the relevant documents including list of products submitted for testing, product-wise testing and evaluation reports. These documents shall be produced before the DA within seven days, as and when required.
- 8. It shall ensure the Intellectual Property Rights of the customers in the course of testing by maintaining professional ethics, secrecy and keeping all the product related information confidential.

*Applicable only if recognized by MRA (Mutual Recognition Agreement) partner

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- 9. It shall notify the DA in writing of occurrence of any of the following incident(s) within two weeks of its occurrence.
 - a) Cessation of its business of conformity assessment for which it is designated or accredited
 - b) Changes in its legal, commercial, or Organisational status
 - c) Changes, which may affect continuing compliance with any of the criteria or requirement specified by DA or MRA partner.
 - d) Change of premises

B. REFERENCE TO DESIGNATION STATUS

- 1. Designated CABs may advertise their designation status with regard to Standards or parts thereof which are included in the scope of designation.
- 2. The advertisement should not imply, or otherwise suggest that DA or MRA Partner has endorsed the product or imply that the designated CAB is an agent or representative of DA or MRA Partner.
- 3. CABs whose designations have been suspended or withdrawn for any reason, shall discontinue advertisement of their designated status and not make any misleading statements regarding their designation status.

C. POST-DESIGNATION SURVEILLANCE

As and when required, DA shall conduct surveillance assessments and other nonroutine assessments of the Designated CABs to ensure that Standards of practices are maintained as well as to investigate complaints made against them.

D. SUSPENSION OR WITHDRAWAL OF DESIGNATION

- 1. DA shall suspend or withdraw the designation of a CAB if
 - a. Its accreditation is withdrawn.
 - b. It is found that the CAB is not complying with the stipulated criteria or requirements.
 - c. It is guilty of any offence involving fraud or dishonesty.
 - d. DA concludes that there is a just cause for withdrawing the designation.
- 2. A CAB whose designation, and recognition in case of MRA, has been suspended or withdrawn shall be removed from the list of designated CABs, in case it fails to take corrective measures.
- 3. DA shall keep the designation of a Designated CAB under suspension, until the completion of formal review process.

E. AMENDMENT TO THE SCHEME

DA reserves the rights to amend the scheme, as and when required, for the purpose of streamlining designation process.

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SCOPE OF DESIGNATION (Annexure)

Laboratory Name: M/s Compliance International Telecom Laboratories (A unit of Compliance International Pvt. Ltd.) X-35, 3rd Floor, Okhla Phase-II, New Delhi-110002

Certificate Number: TEC/MRA/CAB/IND-D/71-II

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Validity: 31/03/2022 to 30/03/2025*

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Sl. No.	Telecom Equipment/ Product	Test Paramo	Test Parameter or Type of Testing	
1.	IP Terminal	Parameters Linked with Product Variants	IP V6 Header Parameters RFC 2460/8200, Annex- P7 (Conformance testing) Dual IP layer Operation RFC 4213, Annex- P6	TEC ER No. TEC67472003 TEC ER No. TEC67472003
		Interface: 1G Optical Ethernet	Average Launch Power IEEE 802.3z Cl. 38	TEC ER No. TEC67472003
		Ethernet	Receiver Sensitivity IEEE 802.3z Cl. 38	TEC ER No. TEC67472003
			Wavelength IEEE 802.3z Cl. 38	TEC ER No. TEC67472003
		Interface: 10/100/1000 BASE-T Ethernet	Link Speed and Auto negotiation Test GE IEEE 802.3	TEC ER No. TEC67472003
		Interface: 10/100 BASE-T Ethernet	Link Speed and Auto negotiation Test FE IEEE 802.3	TEC ER No. TEC67472003



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SI. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing		Standard/ Specification
2.	Media Gateway	Parameters Linked	CCS7 MTP-2 Parameters ITU-T Q.781	TEC ER No. TEC 66492003
		with Product Variants	CCS7 MTP-3 Parameters ITU-T Q.782	TEC ER No. TEC 66492003
			IP V4 Parameters RFC 791, Annex- P 6 (Conformance Testing)	TEC ER No. TEC 66492003
		Interface: 1G Optical	Average Launch Power IEEE 802.3z Cl. 38	TEC ER No. TEC 66492003
		Ethernet	Receiver Sensitivity IEEE 802.3z Cl. 38	TEC ER No. TEC 66492003
		in the second second	Wavelength IEEE 802.3z Cl. 38	TEC ER No. TEC 66492003
		Interface: 10/100 BASE-T Ethernet	Link Speed and Auto negotiation Test FE IEEE 802.3	TEC ER No. TEC 66492003
		Interface: 10/100/1000 BASE-T Ethernet	Link Speed and Auto negotiation Test GE IEEE 802.3	TEC ER No. TEC 66492003

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Sl. Telecom No. Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
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Media Gateway	Interface: 10 G Optical	Average Launch Power IEEE 802.3ae Cl. 52	TEC ER No. TEC 66492003
	Ethernet	Receiver Sensitivity IEEE 802.3ae Cl. 52	TEC ER No. TEC 66492003
		Wavelength IEEE 802.3ae Cl. 52	TEC ER No. TEC 66492003
	Interface: 2 Mbps - E1	Nominal Bit Rate with Tolerance. ITU-T G.703	TEC ER No. TEC 66492003
		Input Jitter Tolerance ITU-T G.823	TEC ER No. TEC 66492003
		Input Return Loss ITU-T G.703	TEC ER No. TEC 66492003
		Output Jitter ITU-T G.823	TEC ER No. TEC 66492003
		Pulse Mask ITU-T G.703	TEC ER No. TEC 66492003

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1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Telecom Equipment/	Test Parameter or Type of Testing	Standard/ Specification
	Product		

Media Gateway	Interface:	Input Jitter Tolerance	TEC ER No.
	STM-1	ITU-T G.825	TEC 66492003
	Electrical	Input Return Loss	TEC ER No.
		ITU-T G.703	TEC 66492003
		Nominal Bit Rate with Tolerance	TEC ER No.
a share a share a sh		ITU-T G.703	TEC 66492003
		Output Jitter	TEC ER No.
		ITU-T G.825	TEC 66492003
	in a second	Pulse Mask	TEC ER No.
		ITU-T G.703	TEC 66492003
	Interface:	Input Jitter Tolerance	TEC ER No.
	STM-1	ITU-T G.825	TEC 66492003
	Optical	Mean Launched Power	TEC ER No.
		ITU-T G.957	TEC 66492003
		Nominal Bit Rate with Tolerance	TEC ER No.
		ITU-T G.957	TEC 66492003
		Operating Wavelength Range	TEC ER No.
		ITU-T G.957	TEC 66492003

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Sl. Telecom No. Equipment/	Test Parameter or Type of Testing	Standard/ Specification	
Product			

Media Gateway	Interface: STM-1	Output Jitter ITU-T G.783	TEC ER No. TEC 66492003
	Optical	Receiver Overload ITU-T G.957	TEC ER No. TEC 66492003
		Receiver Sensitivity ITU-T G.957	TEC ER No. TEC 66492003
	Interface: 2W Trunk	Transmission of DTMF Signalling Q.23 Clause 6 and 7	TEC ER No. TEC 66492003
		DC Resistance ETSI TBR-21 Clause 4.4.1	TEC ER No. TEC 66492003
		Longitudinal Conversion Loss for 2 W Trunk Int. Q.552 Clause 2.2.2 and Figure-2	TEC ER No. TEC 66492003
		Minimum Current on Junction/ Trunk Line ETSI EN 300 001	TEC ER No. TEC 66492003
		Resistance to Earth ETSI TBR-21 Clause 4.4.4	TEC ER No. TEC 66492003
		Return Loss for 2 W Trunk Int. Q.552 Clause 2.2.1.2 and Figure-1	TEC ER No. TEC 66492003

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Sl. Telecom No. Equipment/	Test Parameter or Type of Testing	Standard/ Specification
Product		

Media Gateway	Interface:	Input Jitter Tolerance	TEC ER No.
	ISDN PRI	ITU-T G.823	TEC 66492003
		Input Return Loss	TEC ER No.
		ITU-T G.703 Clause no. 11.3	TEC 66492003
		Nominal Bit Rate Tolerance for	TEC ER No.
		ISDN PRI ITU-T G.703 Clause no. 11.1	TEC 66492003
		Pulse Mask for PRI	TEC ER No.
		ITU-T G.703 Clause no. 11.2	TEC 66492003
		Output Jitter for PRI	TEC ER No.
		ITU-T G.823 Clause no. 5.1	TEC 66492003
		Layer-III PRI Specification -	TEC ER No.
		Call Setup	TEC 66492003
		ITU-T Q.931	사람은 물질 것 같
		Clause no. 3.1.1, 3.1.2, 3.1.3,	
		3.1.14, 3.1.15, 3.1.5, 3.1.9, 3.1.10, 4.5.5, 4.5.8, 4.5.10, 4.5.13, Table	
	18 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6-5 for all call clearing message	
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SI. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing		Standard/ Specification
	Media Gateway	Interface: ISDN PRI	Layer-III PRI Specification – Call Clearing ITU-T Q.931 Clause no. 3.1.1, 3.1.2, 3.1.3, 3.1.14, 3.1.15, 3.1.5, 3.1.9, 3.1.10, 4.5.5, 4.5.8, 4.5.10, 4.5.13, Table 6-5 for all call clearing message	TEC ER No. TEC 66492003
3.	Soft Switch	Interface: 1G Optical Ethernet	Average Launch Power IEEE 802.3z Cl. 38	TEC ER No. TEC 67792003
			Receiver Sensitivity IEEE 802.3z Cl. 38	TEC ER No. TEC 67792003
			Wavelength IEEE 802.3z Cl. 38	TEC ER No. TEC 67792003
		Interface: 10 G	Average Launch Power IEEE 802.3ae Cl. 52	TEC ER No. TEC 67792003
		Optical Ethernet	Receiver Sensitivity IEEE 802.3ae Cl. 52	TEC ER No. TEC 67792003
			Wavelength IEEE 802.3ae Cl. 52	TEC ER No. TEC 67792003

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	Telecom	Test Parameter or Type of Testing	Standard/
	Equipment/		Specification
15.00	Product		

	Soft Switch	Interface: 10/100/1000 BASE-T Ethernet	Link Speed and Auto negotiation Test GE IEEE 802.3	TEC ER No. TEC 67792003
l.	Signaling Gateway	Parameters Linked	CCS7 MTP-2 Parameters ITU-T Q.781	TEC ER No. TEC 67492003
		with Product Variants	CCS7 MTP-3 Parameters ITU-T Q.782	TEC ER No. TEC 67492003
			IPv4 Parameters RFC 791, Annex- P 6 (Conformance Testing)	TEC ER No. TEC 67492003
		Interface: 1G Optical Ethernet	Average Launch Power IEEE 802.3z Cl. 38	TEC ER No. TEC 67492003
			Receiver Sensitivity IEEE 802.3z Cl. 38	TEC ER No. TEC 67492003
			Wavelength IEEE 802.3z Cl. 38	TEC ER No. TEC 67492003
	um.	Interface: 10 G Optical Ethernet	Average Launch Power IEEE 802.3ae Cl. 52	TEC ER No. TEC 67492003

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SI. No.	Telecom Equipment/ Product	Test Parame	eter or Type of Testing	Standard/ Specification
	Signaling Gateway	Interface: 10 G	Receiver Sensitivity IEEE 802.3ae Cl. 52	TEC ER No. TEC 67492003
		Optical Ethernet	Wavelength IEEE 802.3ae Cl. 52	TEC ER No. TEC 67492003
		Interface: 10/100/1000 BASE-T Ethernet	Link Speed and Auto negotiation Test GE IEEE 802.3	TEC ER No. TEC 67492003
		Interface: 2 Mbps - E1	Nominal Bit Rate with Tolerance. ITU-T G.703	TEC ER No. TEC 67492003
			Input Jitter Tolerance ITU-T G.823	TEC ER No. TEC 67492003
			Input Return Loss ITU-T G.703	TEC ER No. TEC 67492003
			Output Jitter ITU-T G.823	TEC ER No. TEC 67492003
			Pulse Mask ITU-T G.703	TEC ER No. TEC 67492003



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	Telecom Equipment/	Test Parameter or Type of Testing	Standard/ Specification
1	Product		

	Signaling Gateway	Interface: STM-1	Input Jitter Tolerance ITU-T G.825	TEC ER No. TEC 67492003
		Optical	Mean Launched Power ITU-T G.957	TEC ER No. TEC 67492003
			Nominal Bit Rate with Tolerance ITU-T G.957	TEC ER No. TEC 67492003
			Operating Wavelength Range ITU-T G.957	TEC ER No. TEC 67492003
			Output Jitter ITU-T G.783	TEC ER No. TEC 67492003
			Receiver Overload ITU-T G.957	TEC ER No. TEC 67492003
			Receiver Sensitivity ITU-T G.957	TEC ER No. TEC 67492003
5.	Session Border Controller	Parameters Linked with	IP V6 Header Parameters RFC 2460/8200, Annex- P 7 (Conformance testing)	TEC ER No. TEC 67222003
		Product Variants Interface: 1G Optical	Dual IP layer Operation RFC 4213, Annex- P 6	TEC ER No. TEC 67222003
			Average Launch Power IEEE 802.3z Cl. 38	TEC ER No. TEC 67222003
		Ethernet	Receiver Sensitivity IEEE 802.3z Cl. 38	TEC ER No. TEC 67222003
	Same			Rundh

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Telecom Equipment/	Test Parameter or Type of Testing	Standard/ Specification
 Product		

	Session Border Controller	Interface: 1G Optical Ethernet	Wavelength IEEE 802.3z Cl. 38	TEC ER No. TEC 67222003
		Interface: 10 G	Average Launch Power IEEE 802.3ae Cl. 52	TEC ER No. TEC 67222003
		Optical Ethernet	Receiver Sensitivity IEEE 802.3ae Cl. 52	TEC ER No. TEC 67222003
			Wavelength IEEE 802.3ae Cl. 52	TEC ER No. TEC 67222003
6.	PABX	Interface: Fast Ethernet Electrical	IP V4 Parameters Set-A RFC 791, Annex- P 6 (Conformance Testing)	TEC ER No. TEC 67292002
		Interface: Gigabit Ethernet Electrical	IP V4 Parameters Set-A RFC 791, Annex- P 6 (Conformance Testing)	TEC ER No. TEC 67292002

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Sl. Telecom No. Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
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7.	LAN Switch	Parameters		TEC ER No.
		Product	IEEE 802.1d, Annex –P 11	TEC 37942007
		Variant	Dynamic Routing	TEC ER No.
			Annex P-11	TEC 37942007
			IP V4 Parameters	TEC ER No.
			RFC 791, Annex- P 11 (Conformance Testing)	TEC 37942007
			IP V6 Parameters	TEC ER No.
	and the second second		RFC 2460/8200, Annex- P 11	TEC 37942007
			Manageability SNMP v2 or v3	TEC ER No.
	Sector price	and the second second	RFC 3410, RFC 3416, Annex- P11 (Functional Testing)	TEC 37942007
			Static Routing, Annex- P11	TEC ER No.
				TEC 37942007
		Interface:	Average Launch Power	TEC ER No.
		1G Optical Ethernet	IEEE 802.3z Cl. 38	TEC 37942007
			Receiver Sensitivity	TEC ER No.
	W. Star Star		IEEE 802.3z Cl. 38	TEC 37942007
			Wavelength	TEC ER No.
-	-	and the second second	IEEE 802.3z Cl. 38	TEC 37942007

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Sl. Telecom No. Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification	
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LAN Switch	Interface:	Average Launch Power	TEC ER No.
	10 G Optical	IEEE 802.3ae Cl. 52	TEC 37942007
	Ethernet	Receiver Sensitivity	TEC ER No.
		IEEE 802.3ae Cl. 52	TEC 37942007
		Wavelength	TEC ER No.
		IEEE 802.3ae Cl. 52	TEC 37942007
	Interface:	Link Speed and Auto negotiation	TEC ER No.
	10/100	Test FE	TEC 37942007
	BASE-T	IEEE 802.3	
	Ethernet		
	Interface:	Link Speed and Auto negotiation	TEC ER No.
	10/100/1000	Test GE	TEC 37942007
	BASE-T	IEEE 802.3	
	Ethernet		C. S. S. S. S. S. S.
	Interface:	Average Launch Power	TEC ER No.
	40 G Optical	IEEE 802.3ba Cl. 86 87	TEC 37942007
	Ethernet	Receiver Sensitivity	TEC ER No.
		IEEE 802.3ba Cl. 86 87	TEC 37942007

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10.2	Telecom Equipment/	Test Parameter or Type of Testing	Standard/ Specification
1	Product		

LAN Swi	tch Interface:	Wavelength	TEC ER No.
	40 G Optical Ethernet	IEEE 802.3ba Cl. 86 87	TEC 37942007
	Interface: 100 G	Average Launch Power IEEE 802.3ba Cl. 86 88	TEC ER No. TEC 37942007
	Optical Ethernet	Receiver Sensitivity IEEE 802.3ba Cl. 86 88	TEC ER No. TEC 37942007
		Wavelength IEEE 802.3ba Cl. 86 88	TEC ER No. TEC 37942007
	Interface: 2 Mbps-E1	Input Jitter Tolerance ITU-T G.823	TEC ER No. TEC 37942007
		Input Return Loss ITU-T G.703	TEC ER No. TEC 37942007
		Nominal Bit Rate with Tolerance ITU-T G.703	TEC ER No. TEC 37942007
		Output Jitter ITU-T G.823	TEC ER No. TEC 37942007
		Pulse Mask ITU-T G.703	TEC ER No. TEC 37942007

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Sl. Telecom No. Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
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LAN Switch	Interface: STM-1	Input Jitter Tolerance ITU-T G.825	TEC ER No. TEC 37942007
	Optical	Mean Launched Power ITU-T G.957	TEC ER No. TEC 37942007
		Nominal Bit Rate with Tolerance ITU-T G.957	TEC ER No. TEC 37942007
		Operating Wavelength Range ITU-T G.957	TEC ER No. TEC 37942007
		Output Jitter ITU-T G.783	TEC ER No. TEC 37942007
		Receiver Overload ITU-T G.957	TEC ER No. TEC 37942007
		Receiver Sensitivity ITU-T G.957	TEC ER No. TEC 37942007
	Interface: STM-4	Input Jitter Tolerance ITU-T G.825	TEC ER No. TEC 37942007
	Optical	Mean Launched Power ITU-T G.957	TEC ER No. TEC 37942007
		Nominal Bit Rate with Tolerance ITU-T G.957	TEC ER No. TEC 37942007

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Sl. Telecom No. Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
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LAN Switch	Interface: STM-4	Operating Wavelength Range ITU-T G.957	TEC ER No. TEC 37942007
	Optical	110-1 0.937	· · · · · · · · · · · · · · · · · · ·
	Optical	Output Jitter	TEC ER No.
		ITU-T G.783	TEC 37942007
		Receiver Overload	TEC ER No.
12 States		ITU-T G.957	TEC 37942007
		Receiver Sensitivity	TEC ER No.
		ITU-T G.957	TEC 37942007
	Interface:	Input Jitter Tolerance	TEC ER No.
	STM- 16	ITU-T G.825	TEC 37942007
	Optical		
		Mean Launched Power	TEC ER No.
and the second second		ITU-T G.957	TEC 37942007
		Nominal Bit Rate with Tolerance	TEC ER No.
		ITU-T G.957	TEC 37942007
		Operating Wavelength Range	TEC ER No.
	and the second second	ITU-T G.957	TEC 37942007
		Output Jitter	TEC ER No.
		ITU-T G.783	TEC 37942007
		Receiver Overload	TEC ER No.
		ITU-T G.957	TEC 37942007

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Sl. Telecom Test Parameter or Type of Testing No. Equipment/ Product	Standard/ Specification
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	LAN Switch	Interface: STM- 16 Optical	Receiver Sensitivity ITU-T G.957	TEC ER No. TEC 37942007
7.	Router	Interface: STM-64 Optical	Nominal Bit Rate with Tolerance ITU-T G.707	TEC ER No. TEC 37682111
8.	Transmission Terminal Equipment	Interface: STM-64 Optical	Nominal Bit Rate with Tolerance ITU-T G.707	TEC ER No. TEC 78832108
9.	Mobile User Equipment	Parameters Linked with Product	IPV6 Extn. Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)	TEC ER No. TEC 47722108
		Variants	IPV6 Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)	TEC ER No. TEC 47722108
			Dual IP Layer Operation RFC 4213 – Address, Annex- P 6 RFC 4213 Cl. 2.1 (Conformance Testing)	TEC ER No. TEC 47722108

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	Mobile User Equipment	Parameters Linked with Product Variants	Dual IP Layer Operation RFC 4213 – DNS, Annex- P 6 RFC 4213 Cl. 2.2 (Conformance Testing)	TEC ER No. TEC 47722108
10.	IoT Gateway	Parameters Linked with Product	IPV6 Extn. Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)	TEC ER No. TEC 24492108
		Variants	IPV6 Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)	TEC ER No. TEC 24492108
			Dual IP Layer Operation RFC 4213 – Address, Annex- P 6 RFC 4213 Cl. 2.1 (Conformance Testing)	TEC ER No. TEC 24492108
		-	Dual IP Layer Operation RFC 4213 – DNS, Annex- P 6 RFC 4213 Cl. 2.2 (Conformance Testing)	TEC ER No. TEC 24492108

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	ecom uipment/ oduct	Test Parameter or Type of Testing	Standard/ Specification
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IoT Gateway	Interface:	Link Speed and Auto negotiation	TEC ER No.
	10/100	Test FE	TEC 24492108
	BASE-T	IEEE 802.3	
	Ethernet		
	Interface:	Link Speed and Auto negotiation	TEC ER No.
	10/100/1000	Test GE	TEC 24492108
	BASE-T	IEEE 802.3	
	Ethernet		
	Interface:	Average Launch Power	TEC ER No.
Succession of the Lord	40 G	IEEE 802.3ba Cl. 86 87	TEC 24492108
	Optical		
	Ethernet	Receiver Sensitivity	TEC ER No.
		IEEE 802.3ba Cl. 86 87	TEC 24492108
Search Street		Wavelength	TEC ER No.
Constant and the		IEEE 802.3ba Cl. 86 87	TEC 24492108
	Interface:	Average Launch Power	TEC ER No.
	100 G	IEEE 802.3ba Cl. 86 88	TEC 24492108
	Optical	Receiver Sensitivity	TEC ER No.
	Ethernet	IEEE 802.3ba Cl. 86 88	TEC 24492108
1.4.4.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		Wavelength	TEC ER No.
		IEEE 802.3ba Cl. 86 88	TEC 24492108

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SI. No.	Telecom Equipment/ Product	Test Parame	eter or Type of Testing	Standard/ Specification
11.	Tracking Device	Parameters Linked with Product Variants	IPV6 Extn. Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing) IPV6 Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing) Dual IP Layer Operation RFC 4213 – Address, Annex- P 6	TEC ER No. TEC 28732108 TEC ER No. TEC 28732108 TEC ER No. TEC 28732108
			RFC 4213 Cl. 2.1 (Conformance Testing) Dual IP Layer Operation RFC 4213 – DNS, Annex- P 6 RFC 4213 Cl. 2.2 (Conformance Testing)	TEC ER No. TEC 28732108
12.	Smart Watch	Parameters Linked with Product Variants	IPV6 Extn. Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)	TEC ER No. TEC 28982110

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Sl. Telecom No. Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
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	Smart Watch	Parameters	IPV6 Header Parameters	TEC ER No.
		Linked	RFC 2460 / RFC 8200,	TEC 28982110
	and the first stand	with	Annex-P7	
		Product	(Conformance Testing)	
		Variants	Dual IP Layer Operation	TEC ER No.
			RFC 4213 – Address, Annex- P 6	TEC 28982110
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		RFC 4213 Cl. 2.1	Mark of the second second
			(Conformance Testing)	
			Dual IP Layer Operation	TEC ER No.
2.5			RFC 4213 – DNS, Annex- P 6	TEC 28982110
			RFC 4213 Cl. 2.2	
	a share at a st		(Conformance Testing)	
13.	Smart Camera	Parameters	IPV6 Extn. Header Parameters	TEC ER No.
10.		Linked	RFC 2460 / RFC 8200,	TEC 28822108
		with	Annex- P 7	
		Product	(Conformance Testing)	
		Variants	IPV6 Header Parameters	TEC ER No.
			RFC 2460 / RFC 8200,	TEC 28822108
		1	Annex- P 7	
			(Conformance Testing)	
			Dual IP Layer Operation	TEC ER No.
			RFC 4213 – Address, Annex- P 6	TEC 28822108
			RFC 4213 Cl. 2.1	
			(Conformance Testing)	



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Equipment/ Product			Specification
Smart Camera	Parameters Linked with Product Variants	Dual IP Layer Operation RFC 4213 – DNS, Annex- P 6 RFC 4213 Cl. 2.2 (Conformance Testing)	TEC ER No. TEC 28822108
Equipment Operating in 2.4 GHz and 5 GHz Band	Parameters Linked with Product	IPV6 Extn. Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)	TEC ER No. TEC 59432108
	Variants	IPV6 Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)	TEC ER No. TEC 59432108
		Dual IP Layer Operation RFC 4213 – Address, Annex- P 6 RFC 4213 Cl. 2.1 (Conformance Testing)	TEC ER No. TEC 59432108
		Dual IP Layer Operation RFC 4213 – DNS, Annex- P 6 RFC 4213 Cl. 2.2 (Conformance Testing)	TEC ER No. TEC 59432108
	Smart Camera Equipment Operating in 2.4 GHz and	Smart CameraParametersLinkedwithProductVariantsEquipmentOperating in2.4 GHz and5 GHz Band	Smart CameraParameters Linked with Product VariantsDual IP Layer Operation RFC 4213 - DNS, Annex- P 6 RFC 4213 Cl. 2.2 (Conformance Testing)Equipment Operating in 2.4 GHz and 5 GHz BandParameters Linked with Product VariantsIPV6 Extn. Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)VariantsProduct Variants(Conformance Testing)VariantsIPV6 Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)Dual IP Layer Operation RFC 4213 - Address, Annex- P 6 RFC 4213 Cl. 2.1 (Conformance Testing)Dual IP Layer Operation RFC 4213 - DNS, Annex- P 6 RFC 4213 - DNS, Annex- P 6



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 Telecom
 Test Parameter or Type of Testing
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 Equipment/
Product
 Product
 Specification

Interface:	Link Speed and Auto negotiation	TEC ER No.
10/100	Test FE	TEC 59432108
BASE-T	IEEE 802.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Ethernet		
Interface:	Link Speed and Auto negotiation	TEC ER No.
10/100/1000	Test GE	TEC 59432108
BASE-T	IEEE 802.3	
Ethernet		
Interface:	Average Launch Power	TEC ER No.
1G Optical	IEEE 802.3z Cl. 38	TEC 59432108
Ethernet	Receiver Sensitivity	TEC ER No.
	IEEE 802.3z Cl. 38	TEC 59432108
	Wavelength	TEC ER No.
	IEEE 802.3z Cl. 38	TEC 59432108
Interface:	Average Launch Power	TEC ER No.
10 G	IEEE 802.3ae Cl. 52	TEC 59432108
Optical		
Ethernet	Receiver Sensitivity	TEC ER No.
	IEEE 802.3ae Cl. 52	TEC 59432108
	Wavelength	TEC ER No.
	IEEE 802.3ae Cl. 52	TEC 59432108
	10/100 BASE-T Ethernet Interface: 10/100/1000 BASE-T Ethernet Interface: 1G Optical Ethernet Interface: 10 G Optical	10/100Test FEBASE-TIEEE 802.3EthernetIEEE 802.3Interface:Link Speed and Auto negotiation10/100/1000Test GEBASE-TIEEE 802.3EthernetIEEE 802.3Interface:Average Launch Power1G OpticalEEE 802.3z Cl. 38EthernetReceiver SensitivityIEEE 802.3z Cl. 38WavelengthIEEE 802.3z Cl. 38Interface:Average Launch Power10 GEEE 802.3z Cl. 38OpticalEEE 802.3ae Cl. 52OpticalEEE 802.3ae Cl. 52



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Sl. Telecom Test Parameter or Type of Testing No. Equipment/ Product From the second se	Standard/ Specification
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Equipment	Interface:	Nominal Bit Rate with Tolerance.	TEC ER No.
Operating in	2 Mbps - E1		TEC 59432108
2.4 GHz and		Input Jitter Tolerance	TEC ER No.
5 GHz Band		ITU-T G.823	TEC 59432108
		Input Return Loss	TEC ER No.
		ITU-T G.703	TEC 59432108
		Output Jitter	TEC ER No.
		ITU-T G.823	TEC 59432108
		Pulse Mask	TEC ER No.
		ITU-T G.703	TEC 59432108
	Interface:	Input Jitter Tolerance	TEC ER No.
	STM-1	ITU-T G.825	TEC 59432108
	Electrical	Input Return Loss	TEC ER No.
		ITU-T G.703	TEC 59432108
		Nominal Bit Rate with Tolerance	TEC ER No.
		ITU-T G.703	TEC 59432108
		Output Jitter	TEC ER No.
		ITU-T G.825	TEC 59432108
		Pulse Mask	TEC ER No.
	· · · · · · · · · · · · · · · · · · ·	ITU-T G.703	TEC 59432108

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SI. No.	Telecom Equipment/ Product	Test Param	Test Parameter or Type of Testing	
	Equipment Operating in	Interface: STM-1	Input Jitter Tolerance ITU-T G.825	TEC ER No. TEC 59432108
	2.4 GHz and 5 GHz Band	Optical	Mean Launched Power ITU-T G.957	TEC ER No. TEC 59432108
			Nominal Bit Rate with Tolerance ITU-T G.957	TEC ER No. TEC 59432108
			Operating Wavelength Range ITU-T G.957	TEC ER No. TEC 59432108
			Output Jitter ITU-T G.783	TEC ER No. TEC 59432108
			Receiver Overload ITU-T G.957	TEC ER No. TEC 59432108
			Receiver Sensitivity ITU-T G.957	TEC ER No. TEC 59432108
		Interface: STM-4 Optical	Input Jitter Tolerance ITU-T G.825	TEC ER No. TEC 59432108
			Mean Launched Power ITU-T G.957	TEC ER No. TEC 59432108

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Equipment Operating in	Interface: STM-4	Nominal Bit Rate with Tolerance ITU-T G.957	TEC ER No. TEC 59432108
2.4 GHz and 5 GHz Band	Optical	Operating Wavelength Range ITU-T G.957	TEC ER No. TEC 59432108
		Output Jitter ITU-T G.783	TEC ER No. TEC 59432108
		Receiver Overload ITU-T G.957	TEC ER No. TEC 59432108
		Receiver Sensitivity ITU-T G.957	TEC ER No. TEC 59432108
	Interface: STM- 16	Input Jitter Tolerance ITU-T G.825	TEC ER No. TEC 59432108
	Optical	Mean Launched Power ITU-T G.957	TEC ER No. TEC 59432108
		Nominal Bit Rate with Tolerance ITU-T G.957	TEC ER No. TEC 59432108
		Operating Wavelength Range ITU-T G.957	TEC ER No. TEC 59432108
		Output Jitter ITU-T G.783	TEC ER No. TEC 59432108
	5	Receiver Overload ITU-T G.957	TEC ER No. TEC 59432108

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		Specification
Interface: STM- 16 Optical	Receiver Sensitivity ITU-T G.957	TEC ER No. TEC 59432108
Interface: 10/100 BASE-T Ethernet	Link Speed and Auto negotiation Test FE IEEE 802.3	TEC ER No. TEC 56422005
	STM- 16 Optical Interface: 10/100	STM- 16 OpticalITU-T G.957Interface:Link Speed and Auto negotiation10/100Test FEBASE-TIEEE 802.3

Systems	Ethernet Interface: 10/100/1000 BASE-T Ethernet	Link Speed and Auto negotiation Test GE IEEE 802.3	TEC ER No. TEC 56422005
	Interface: 1G Optical Ethernet	Average Launch Power IEEE 802.3z Cl. 38	TEC ER No. TEC 56422005
	Ethernet	Receiver Sensitivity IEEE 802.3z Cl. 38	TEC ER No. TEC 56422005
		Wavelength IEEE 802.3z Cl. 38	TEC ER No. TEC 56422005
		IEEE 802.32 CI. 38	0 ^

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PTP PMP	Interface:	Nominal Bit Rate with Tolerance.	TEC ER No.
Microwave	2 Mbps - E1	ITU-T G.703	TEC 56422005
Fixed Radio		Input Jitter Tolerance	TEC ER No.
Systems		ITU-T G.823	TEC 56422005
		Input Return Loss	TEC ER No.
		ITU-T G.703	TEC 56422005
		Output Jitter	TEC ER No.
		ITU-T G.823	TEC 56422005
		Pulse Mask	TEC ER No.
		ITU-T G.703	TEC 56422005
	Interface:	Input Jitter Tolerance	TEC ER No.
	STM-1	ITU-T G.825	TEC 56422005
	Electrical	Input Return Loss	TEC ER No.
New Sector		ITU-T G.703	TEC 56422005
and the states of the		Nominal Bit Rate with Tolerance	TEC ER No.
		ITU-T G.703	TEC 56422005
		Output Jitter	TEC ER No.
		ITU-T G.825	TEC 56422005
		Pulse Mask	TEC ER No.
		ITU-T G.703	TEC 56422005

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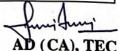
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a second	Product		and the second states and the second

PTP PMP	Interface:	Input Jitter Tolerance	TEC ER No.
Microwave	STM-1	ITU-T G.825	TEC 56422005
Fixed Radio	Optical	Mean Launched Power	TEC ER No.
Systems		ITU-T G.957	TEC 56422005
		Nominal Bit Rate with Tolerance	TEC ER No.
	The Second States	ITU-T G.957	TEC 56422005
	a starter	Operating Wavelength Range	TEC ER No.
		ITU-T G.957	TEC 56422005
		Output Jitter	TEC ER No.
		ITU-T G.783	TEC 56422005
		Receiver Overload	TEC ER No.
이 이번에서 눈이 많이 봐.		ITU-T G.957	TEC 56422005
		Receiver Sensitivity	TEC ER No.
		ITU-T G.957	TEC 56422005
	Interface:	Input Jitter Tolerance	TEC ER No.
	STM-4	ITU-T G.825	TEC 56422005
	Optical	Mean Launched Power	TEC ER No.
		ITU-T G.957	TEC 56422005
		Nominal Bit Rate with Tolerance	TEC ER No.
	A Charles and	ITU-T G.957	TEC 56422005
		Operating Wavelength Range	TEC ER No.
		ITU-T G.957	TEC 56422005

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PTP PMP Microwave	Interface: STM-4	Output Jitter ITU-T G.783	TEC ER No. TEC 56422005
Fixed Radio Systems	ed Radio Optical	Receiver Overload ITU-T G.957	TEC ER No. TEC 56422005
		Receiver Sensitivity ITU-T G.957	TEC ER No. TEC 56422005
	Interface: STM- 16	Input Jitter Tolerance ITU-T G.825	TEC ER No. TEC 56422005
	Optical	Mean Launched Power ITU-T G.957	TEC ER No. TEC 56422005
		Nominal Bit Rate with Tolerance ITU-T G.957	TEC ER No. TEC 56422005
		Operating Wavelength Range ITU-T G.957	TEC ER No. TEC 56422005
		Output Jitter ITU-T G.783	TEC ER No. TEC 56422005
		Receiver Overload ITU-T G.957	TEC ER No. TEC 56422005
		Receiver Sensitivity ITU-T G.957	TEC ER No. TEC 56422005

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SCOPE OF DESIGNATION (Annexure)

Laboratory Name: M/s Compliance International Telecom Laboratories (A unit of Compliance International Pvt. Ltd.) X-35, 3rd Floor, Okhla Phase-II, New Delhi-110002

Certificate Number: TEC/MRA/CAB/IND-D/71-II

Page 31 of 32

Validity: 31/03/2022 to 30/03/2025*

Last Amended on: ____

SI. No.	Telecom Equipment/ Product	Test Parame	eter or Type of Testing	Standard/ Specification
16.	Point of Sale Devices	Interface: 2 Wire	Longitudinal Conversion Loss for 2W Int. Q.552 Cl. 2.2.2	TEC ER No. TEC 17672201
			Return Loss for 2W Int. Q.552 Cl. 2.2.1.2	TEC ER No. TEC 17672201
			DC Resistance ETSI TBR-21 Clause 4.4.1	TEC ER No. TEC 17672201
			Resistance to Earth ETSI TBR-21 Clause 4.4.4	TEC ER No. TEC 17672201
			Minimum Current on Junction/ Trunk Line ETSI EN 300 001, Annex-D	TEC ER No. TEC 17672201
17.	Compact Cellular Network	Parameters Linked with Product Variants	IPV6 Extn. Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)	TEC ER No. TEC 42272108
			IPV6 Header Parameters RFC 2460 / RFC 8200, Annex- P 7 (Conformance Testing)	TEC ER No. TEC 42272108

Director (CA), TEC

AD (CA), TEC



Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi - 110 001

SCOPE OF DESIGNATION (Annexure)

Laboratory Name: M/s Compliance International Telecom Laboratories (A unit of Compliance International Pvt. Ltd.) X-35, 3rd Floor, Okhla Phase-II, New Delhi-110002

Certificate Number: TEC/MRA/CAB/IND-D/71-II

Page 32 of 32

Validity: 31/03/2022 to 30/03/2025*

Last Amended on: ___

Sl. Telecom No. Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
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Compact Cellular Network	Parameters Linked with Product Variants	Dual IP Layer Operation RFC 4213 – Address, Annex- P 6 RFC 4213 Cl. 2.1 (Conformance Testing)	TEC ER No. TEC 42272108
	Variants	Dual IP Layer Operation RFC 4213 – DNS, Annex- P 6 RFC 4213 Cl. 2.2 (Conformance Testing)	TEC ER No. TEC 42272108

(CA), TEC

Director (CA), TEC

Government of India Department of Telecommunications Telecommunication Engineering Centre Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi – 110001

No. 1-98/ 2023- CA/TEC.

Dated: 30.08.2023

To, M/s Compliance International Telecom Laboratories, Delhi X-35, 3rd Floor, Okhla Phase-2, New Delhi-110020 Contact No.: - 9811156939 E-mail: <u>yadav@typeapproval.com</u>

[Kind attention to Lt. Col T Yadav (Retd.), Director]

Subject: Enhancement of Scope of CAB Designation of M/s Compliance International Telecom Laboratories, Delhi

Ref: 1. TEC CAB Designation Certificate no. TEC/MRA/CAB/IND-D/71-II dated 31.03.2022
2. Your application for enhancement of Scope of CAB Designation vide Application no. SW6876438150 dated 16.05.2023 submitted on NSWS CAB Designation Portal

This is in reference to your application for enhancement of Scope of CAB Designation of Certificate No. TEC/MRA/CAB/IND-D/71-II dated 31.03.2022, valid upto 30.03.2025, submitted vide Application no. SW6876438150 dated 16.05.2023 in online mode on NSWS CAB Designation Portal.

2. In reference to Clause No. 11.2 of TEC CAB Designation Scheme TEC 04019:2023, the Scope of Designation of CAB Certificate no. referred above is hereby enhanced in respect of test parameters as per detail mentioned in Annexure attached.

3. All other details, terms and conditions and validity of CAB Designation Certificate no. TEC/MRA/CAB/IND-D/71-II dated 31.03.2022 shall remain unchanged.

4. This is issued with the approval of Competent Authority.

Signed by Vijay Dixit Date: 30-08-2023 12:34:40 Reason: Approved

(Vijay Dixit) Director (CA), TEC

Encl: as above.

Copy to:

- 1. DDG (TC), TEC, New Delhi for kind information and necessary action
- 2. DDG (NR)/DDG(ER)/DDG (WR)/DDG (SR) TEC for kind information

I/3123475/2023

1-98/2023-CA/TEC

GOVERNMENT OF INDIA MINISTRY OF COMMUNICATIONS **DEPARTMENT OF TELECOMMUNICATIONS TELECOMMUNICATION ENGINEERING CENTRE**



Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi - 110 001

SCOPE OF DESIGNATION (ANNEXURE)

Laboratory Name: M/s Compliance International Telecom Laboratories, Delhi X-35, 3rd Floor, Okhla Phase-2, New Delhi-110020

Certificate Number: TEC/MRA/CAB/IND-D/71-II

Page 1 of 2

Validity: 30/08/2023 to 30/03/2025

Last Amended on: ----

Sl.	Telecom	Test Parameter or Type of Testing	Standard/
No.	Equipment/		Specification
	Product		

I AN Courtel	Interface 25C	A yong as L gym ah Doyyan	TEC ER No.
LAN Switch		6	
	Optical Ethernet	IEEE 802.3 - 2018 Cl. 114	TEC37942304
		Receiver Sensitivity	TEC ER No.
		IEEE 802.3 - 2018 Cl. 114	TEC37942304
		Wavelength	TEC ER No.
		IEEE 802.3 - 2018 Cl. 114	TEC37942304
	Interface: 50G	Average Launch Power	TEC ER No.
	Optical Ethernet	IEEE 802.3cn Cl. 139	TEC37942304
		Receiver Sensitivity	TEC ER No.
		IEEE 802.3cn Cl. 139	TEC37942304
		Wavelength	TEC ER No.
		IEEE 802.3cn Cl. 139	TEC37942304
	Interface: 200G	Average Launch Power	TEC ER No.
	Optical Ethernet	IEEE 802.3cn Cl. 121, 122	TEC37942304
		Receiver Sensitivity	TEC ER No.
		IEEE 802.3cn Cl. 121, 122	TEC37942304
		Wavelength	TEC ER No.
		IEEE 802.3cn Cl. 121, 122	TEC37942304
	Interface: 400G	Average Launch Power	TEC ER No.
	Optical Ethernet	IEEE 802.3cn Cl. 122, 124	TEC37942304
		Receiver Sensitivity	TEC ER No.
		IEEE 802.3cn Cl. 122, 124	TEC37942304
		Wavelength	TEC ER No.
		IEEE 802.3cn Cl. 122, 124	TEC37942304
	LAN Switch	Optical Ethernet Interface: 50G Optical Ethernet Interface: 200G Optical Ethernet Interface: 400G Interface: 400G	Optical EthernetIEEE 802.3 - 2018 Cl. 114Receiver Sensitivity IEEE 802.3 - 2018 Cl. 114Wavelength IEEE 802.3 - 2018 Cl. 114Interface: 50G Optical EthernetAverage Launch Power IEEE 802.3 cn Cl. 139Receiver Sensitivity IEEE 802.3 cn Cl. 139Receiver Sensitivity IEEE 802.3 cn Cl. 139Interface: 200G Optical EthernetAverage Launch Power IEEE 802.3 cn Cl. 139Interface: 200G Optical EthernetAverage Launch Power IEEE 802.3 cn Cl. 121, 122Receiver Sensitivity IEEE 802.3 cn Cl. 121, 122Receiver Sensitivity IEEE 802.3 cn Cl. 121, 122Vavelength IEEE 802.3 cn Cl. 121, 122Vavelength IEEE 802.3 cn Cl. 121, 122Receiver Sensitivity IEEE 802.3 cn Cl. 121, 122Receiver Sensitivity IEEE 802.3 cn Cl. 121, 122Receiver Sensitivity IEEE 802.3 cn Cl. 121, 122Wavelength IEEE 802.3 cn Cl. 122, 124Receiver Sensitivity IEEE 802.3 cn Cl. 122, 124Receiver Sensitivity IEEE 802.3 cn Cl. 122, 124

I/3123475/2023

GOVERNMENT OF INDIA MINISTRY OF COMMUNICATIONS DEPARTMENT OF TELECOMMUNICATIONS TELECOMMUNICATION ENGINEERING CENTRE

Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi - 110 001

1-98/2023-CA/TEC



SCOPE OF DESIGNATION (ANNEXURE)

Laboratory Name: M/s Compliance International Telecom Laboratories, Delhi X-35, 3rd Floor, Okhla Phase-2, New Delhi-110020

Certificate Number: TEC/MRA/CAB/IND-D/xx

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Validity: 30/08/2023 to 30/03/2025

Last Amended on: ----

SI.	Telecom	Test Parameter or Type of Testing	Standard/
No.	Equipment/		Specification
	Product		

2.	Infiniband Switch	Parameters Linked with Product	Subnet Manager Annex-P11 Appendix-II Test No. 44	TEC ER No. TEC30012304
		Variant		

Signed by Sanjay Bhardwaj Date: 30-08-2023 14:41:05 Reason: Approved AD (CA-T), TEC





GOVERNMENT OF INDIA MINISTRY OF COMMUNICATIONS DEPARTMENT OF TELECOMMUNICATIONS TELECOMMUNICATION ENGINEERING CENTRE Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001

CERTIFICATE OF DESIGNATION

M/s Compliance International Telecom Laboratories, New Delhi (A unit of Compliance International Pvt. Ltd.)

has been assessed and designated as Conformity Assessment Body (CAB) for its facilities at

X-35, 3rd Floor, Okhla Phase-II, New Delhi-110020

In the field of Testing

Certificate No. TEC/MRA/CAB/IND-D/71-III

Issue Date: 23/09/2022

Valid until: 22/09/2025

This Certificate remains valid for the Scope of Designation as specified in the Annexure subject to the continued validity of NABL Accreditation and satisfied compliance to the Standards/specifications against which lab has been designated and strict compliance to the relevant terms and conditions of TEC CAB Designation Scheme.

(To see the scope of designation of this laboratory, you may also visit TEC website www.tec.gov.in)

Signed for and on behalf of TEC

Nitin Jain Deputy Director General (CA) For Designating Authority TEC

Certificate No: TEC/MRA/CAB/IND-D/71-III dated 23/09/2022 issued to M/s Compliance International Telecom Laboratories, New Delhi (A unit of Compliance International Pvt. Ltd.) X-35, 3rd Floor, Okhla Phase-2, New Delhi-110 020



Validity: - 23/09/2022 to 22/09/2025

Terms & Conditions

This certificate is issued as per the terms and conditions stipulated in the TEC SCHEME FOR DESIGNATING CONFORMITY DOMESTIC ASSESEMENT BODIES AND CERTIFICATION BODIES FOR CONFORMITY ASSESSMENT AND CERTIFICATION OF TELECOMMUNICATION EQUIPMENT ISSUE 2 NO. TEC/DES-01/02.DEC.2017.

Some of the conditions are reiterated as under:

A. Obligations of the Designated CAB.

- It shall ensure that it maintains its accreditation status from any recognised Indian 1. accreditation body like NABL during validity period of certificate.
- It shall follow the stipulated procedures, rules and policies laid down by Designating 2. Authority (DA) or Mutual Recognition Agreement (MRA)* partner for testing and evaluation.
- In respect of tests for which it is seeking designation, it shall have no interest whatsoever 3. in any business to carry on testing in an unfair or biased manner.
- It shall fully indemnify DA from and against all liabilities, damages, claims, costs, and 4. expenses incurred or sustained by DA as a result of any action taken or omitted by DA relating to the process of designation.
- It shall comply with DA's or MRA partner's terms and conditions for designation and 5. recognition as modified from time to time.
- It shall be under obligation to participate in the online process prescribed by TEC for 6. test and certification against TEC's GR/IR/ER and standards.
- It shall have a record system which shall have a retention period of at least 5 years for 7. documents related to the equipment testing. It shall maintain all the relevant documents including list of products submitted for testing, product-wise testing and evaluation reports. These documents shall be produced before the DA within seven days, as and when required.
- It shall ensure the Intellectual Property Rights of the customers in the course of testing 8. by maintaining professional ethics, secrecy and keeping all the product related information confidential.

*Applicable only if recognized by MRA (Mutual Recognition Agreement) partner.

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- 9. It shall notify the DA in writing of occurrence of any of the following incident(s) within 2 weeks of its occurrence
 - a) Cessation of its business of conformity assessment for which it is Designated or accredited
 - b) Changes in its legal, commercial, or Organisational status
 - c) Changes, which may affect continuing compliance with any of the criteria or requirement specified by DA or MRA partner.
 - d) Change of premises

B. REFERENCE TO DESIGNATION STATUS

- 1. Designated CABs may advertise their designation status with regard to standards or parts thereof which are included in the scope of designation.
- 2. The advertisement should not imply, or otherwise suggest that DA or MRA Partner has endorsed the product or imply that the designated CAB is an agent or representative of DA or MRA Partner.
- 3. CABs whose designations have been suspended or withdrawn for any reason, shall discontinue advertisement of their designated status and not make any misleading statements regarding their designation status.

C. POST-DESIGNATION SURVEILLANCE

As and when required, DA shall conduct surveillance assessments and other nonroutine assessments on the Designated CABs to ensure that standards of practices are maintained as well as to investigate complaints made against them.

D. SUSPENSION OR WITHDRAWAL OF DESIGNATION

- 1. DA shall suspend or withdraw the designation of a CAB if
 - a. Its accreditation is withdrawn.
 - b. It is found that the CAB is not complying with the stipulated criteria or requirements.
 - c. It is guilty of any offence involving fraud or dishonesty.
 - d. DA concludes that there is a just cause for withdrawing the designation.
- 2. A CAB whose designation, and recognition in case of MRA, has been suspended or withdrawn shall be removed from the list of designated CABs, in case it fails to take corrective measures.
- 3. DA shall keep the designation of a Designated CAB under suspension, until the completion of formal review process.

E. AMENDMENT TO THE SCHEME

DA reserves the rights to amend the scheme, as and when required, for the purpose of streamlining designation process.

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Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi - 110 001

SCOPE OF DESIGNATION (ANNEXURE)

Laboratory Name:

 M/s Compliance International Telecom Laboratories, New Delhi (A unit of Compliance International Pvt. Ltd.)
 X-35, 3rd Floor, Okhla Phase-2, New Delhi-110 020.

Certificate Number: TEC/MRA/CAB/IND-D/71-III

Validity: 23/09/2022 to 22/09/2025

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Last Amended on: ----

SI. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
1.	Router	PPPoE RFC 2516@ Annex P 11	TEC ER No. TEC37682204
		Radius RFC 2865@ Annex P 11	TEC ER No. TEC37682204
2.	IP Security Equipment	IPSec Functional Test @ Annex P 11	TEC ER No. TEC34731911
		Policy Functional Test @ Annex P 11	TEC ER No. TEC34731911
		NAT Functional Test @ Annex P 11	TEC ER No. TEC34731911
3.	LAN Switch	Mac Learning and Packet Forwarding @ Annex P 11	TEC ER No. TEC37942207

Director (CA), TEC

AD (CA), TEC