



**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 Nemko India (Test Lab) Private Limited, Faridabad
has been assessed and designated as Conformity Assessment Body (CAB)
for its facilities at

Plot No. 193, Sector-68, IMT Faridabad, Haryana-121 004

In the field of Testing

Certificate No. TEC/MRA/CAB/IND-D/19

Issue Date: 07/06/2024

Validity: 08/06/2024 to 07/06/2027

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

Signed by Sanjeev Kumar

Sanjeev Kumar Arya

Date: 07-06-2024 11:29:55

Director (CA)

For Designating Authority

TEC

**Certificate No: TEC/MRA/CAB/IND-D/19 dated 07/06/2024 issued to
M/s Nemko India (Test India) Private Limited, Faridabad
Plot No. 193, Sector-68, IMT Faridabad,
Haryana, 121004**



Validity: - 08/06/2024 to 07/06/2027

Terms & Conditions

This certificate is issued as per the terms and conditions stipulated in the TEC SCHEME FOR DESIGNATING DOMESTIC CONFORMITY ASSESEMENT BODIES AND CERTIFICATION BODIES FOR CONFORMITY ASSESEMENT AND CERTIFICATION OF TELECOMMUNICATION EQUIPMENT ISSUE 3 NO. TEC 04019:2023.

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 on 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.

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 non-routine 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.

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 Nemko India (Test Lab), Private Limited, Faridabad
Plot No. 193, Sector-68, IMT Faridabad, Haryana, 121004

Certificate Number: TEC/MRA/CAB/IND-D/19

Page 1 of 3

Validity: 08/06/2024 to 07/06/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
1.	Information Technology Equipment-Safety Requirement	Power Interface Clause- 1.6.2	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Durability Clause- 1.7.11	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Access to Energized Parts Clause- 2.1.1.1	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Energy Hazards Clause- 2.1.1.5	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Discharge of Capacitors in Equipment Clause-2.1.1.7	IEC 60950-1:2005 + A1:2009 + A2: 2013
		SELV Circuits Clause- 2.2	IEC 60950-1:2005 + A1:2009 + A2: 2013
		TNV Circuit Clause- 2.3	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Limited Current Circuit Clause- 2.4	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Limited Power Sources Clause- 2.5	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Resistance of Earthing Conductors and their Terminations Clause- 2.6.3.4	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Humidity Conditioning Clause- 2.9.2	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Working Voltage Clause- 2.10.2	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Clearance & Creepage Distance Clause-2.10.3, 2.10.3.6, 2.10.3.7, 2.10.3.8, 2.10.3.9, 2.10.4, 2.10.4.2	IEC 60950-1:2005 + A1:2009 + A2: 2013

***The validity of Certificate is up to 07/06/2027 or the continued validity of NABL Accreditation, whichever is earlier.**

GOVERNMENT OF INDIA
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SCOPE OF DESIGNATION
(Annexure)

Laboratory Name: M/s Nemko India (Test Lab), Private Limited, Faridabad
Plot No. 193, Sector-68, IMT Faridabad, Haryana, 121004

Certificate Number: TEC/MRA/CAB/IND-D/19

Page 2 of 3

Validity: 08/06/2024 to 07/06/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	Information Technology Equipment-Safety Requirement	Distances through Insulation Clause- 2.10.5.2	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Component External Terminations Clause- 2.10.7	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Thermal Cycling Clause- 2.10.9	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Wiring, Connections and Supply Clause- 3.0	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Stability Test Clause- 4.1	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Mechanical Strength Test Clause- 4.2.2, 4.2.3, 4.2.4	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Impact Test Clause- 4.2.5	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Drop Test Clause- 4.2.6	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Stress Relief Test Clause- 4.2.7	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Direct Plug-in Equipment Test Clause- 4.3.6	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Protection against Moving Fan Blades Clause- 4.4.5	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Thermal Requirement Clause- 4.5	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Resistance to Abnormal Heat- Ball Pressure Test Clause- 4.5.5	IEC 60950-1:2005 + A1:2009 + A2: 2013

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



SCOPE OF DESIGNATION
(Annexure)

Laboratory Name: M/s Nemko India (Test Lab), Private Limited, Faridabad
Plot No. 193, Sector-68, IMT Faridabad, Haryana, 121004

Certificate Number: TEC/MRA/CAB/IND-D/19

Page 3 of 3

Validity: 08/06/2024 to 07/06/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	Information Technology Equipment-Safety Requirement	Resistance to Fire Glow wire Test (Horizontal & Vertical flame) Clause- 4.7.3.2, 4.7.3.3, 4.7.3.4	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Touch Current and Protective Conductor Current Test Clause- 5.1	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Electric Strength Test Clause- 5.2	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Abnormal Operating and Fault Condition Clause- 5.3	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Connection to Telecom Network Clause- 6.1, 6.2, 6.3	IEC 60950-1:2005 + A1:2009 + A2: 2013
		Connection to Cable distribution System Clause- 7.4.3	IEC 60950-1:2005 + A1:2009 + A2: 2013

Signed by Sanjay Bhardwaj
Date: 07-06-2024 11:25:25
AD (CA), TEC

***The validity of Certificate is up to 07/06/2027 or the continued validity of NABL Accreditation, whichever is earlier.**

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

No. 1-11/ 2024-सी.ए./टी. ई. सी.

Dated: 11.11.2024

M/s Nemko India (Test Lab) Pvt. Ltd., Faridabad
Plot No.193, Sector-68, IMT, Faridabad, Haryana-121004
Mob: 9205690573
E-Mail: kavita.dagar@nemko.com, satish.sankhyan@nemko.com

[Kind attention to Ms. Kavita Dagar, Quality Manager]

Subject: Enhancement of Scope of CAB Designation of M/s Nemko India (Test Lab) Pvt. Ltd., Faridabad

Ref: 1. TEC CAB Designation Certificate no. TEC/MRA/CAB/IND-D/19 dated 07.06.2024
2. Your application for enhancement of Scope of CAB Designation vide Application no. SW9095512068 dated 14.08.2024 submitted on NSW 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/19 dated 07.06.2024, valid upto 07.06.2027, submitted vide Application no. SW9095512068 dated 14.08.2024 in online mode on NSW CAB Designation Portal.

2. In reference to the recommendations of Site visit assessment team, the scope of designation of CAB Certificate no. referred above is hereby enhanced in respect of test parameters of “**ECR Testing**” 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/19 dated 07.06.2024 shall remain unchanged.

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

Digitally signed by
Sanjeev Kumar Arya
Date: 11-11-2024 10:22:31

Encl: as above

(Sanjeev Kumar Arya)
Director (CA), TEC

Copy to:

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

**GOVERNMENT OF INDIA
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TELECOMMUNICATION ENGINEERING CENTRE**
Gate No. 5, KhurshidLalBhawan, Janpath, New Delhi - 110 001



SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Nemko India (Test Lab) Pvt. Ltd.
Plot No.193, Sector-68, IMT, Faridabad,
Haryana-121004

Certificate Number: TEC/MRA/CAB/IND-D/19

Page 1 of 1

Validity: 11/11/2024 to 07/06/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
1.	PON Family of Broadband Equipment	Parameters Linked with Product Variant	ECR Testing TEC 74046 Annex-R TEC ER No. TEC14762407

Digitally signed by
Sanjay Bhardwaj
Date: 11-11-2024 10:43:47

AD (CA), TEC

***The validity of Certificate is up to 07/06/2027 or the continued validity of NABL Accreditation, whichever is earlier.**

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

No. 1-11/2024-सी.ए./टी.ई.सी.

Dated: 21.03.2025

M/s Nemko India (Test Lab) Pvt. Ltd., Faridabad
Plot No.193, Sector-68, IMT, Faridabad, Haryana-121004
Mob: 9205690573
E-Mail: kavita.dagar@nemko.com

[Kind attention to Mrs. Kavita Dagar, Quality Manager)]

Subject: Enhancement of Scope of CAB Designation of M/s Nemko India (Test Lab) Pvt. Ltd., Faridabad.

Ref: 1. TEC CAB Designation Certificate no. TEC/MRA/CAB/IND-D/19 dated 07.06.2024

2. Your application for enhancement of Scope of CAB Designation vide Application no. SW9095512068-M008_D001_A194-1733224204090 dated 03.12.2024 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/19 dated 07.06.2024, valid upto 07.06.2027, submitted vide Application no. SW9095512068-M008_D001_A194-1733224204090 dated 03.12.2024 in online mode on NSWS CAB Designation Portal.

2. In reference to the recommendations of Site visit assessment team, the scope of designation of CAB Certificate no. referred above is hereby enhanced in respect of test parameters of “Radio Broadcast Receiver” 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/19 dated 07.06.2024 shall remain unchanged.

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

Encl: as above

Digitally signed by
Sanjeev Kumar Arya
Date: 21-03-2025
14:59:15
(Sanjeev Kumar Arya)
Director (CA), TEC

Copy to:

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

GOVERNMENT OF INDIA
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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 Nemko India (Test Lab) Private Limited, Faridabad
Plot No. 193, Sector 68, IMT Faridabad- 121004

Certificate Number: TEC/MRA/CAB/IND-D/19

Page 1 of 1

Validity: 21/03/2025 to 07/06/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing		Standard/ Specification
1.	Radio Broadcast Receiver (RBR)	Parameters Linked with Product Variant	Frequency of operation for Radio Broadcast Receivers- As per TEC Annexure to ER No.: TEC/TC/DD/TCP-222/2.25/October 2024: 2024	TEC ER No. TEC50012407
		Interface:- Geolocation Navigation	Geo-location Navigation Interface (GPS/NavIC)- As per TEC Annexure to ER No.: TEC/TC/DD/TCP-222/2.25/ October 2024: 2024	TEC ER No. TEC50012407
			Operating Frequency for GPS/NavIC-As per TEC Annexure to ER No.: TEC/TC/DD/TCP-222/2.25/October 2024: 2024	TEC ER No. TEC50012407

Digitally signed by
Rajeev Ranjan
Date: 21-03-2025
15:04:33

AD (CA), TEC

***The validity of Certificate is up to 07/06/2027 or the continued validity of NABL Accreditation, whichever is earlier.**



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CERTIFICATE OF DESIGNATION

M/s NEMKO INDIA (TEST LAB) PRIVATE LIMITED, FARIDABAD
has been assessed and designated as Conformity Assessment Body (CAB)
for its facilities at

Plot No. 193, Sector-68, IMT Faridabad, Haryana-121 004

In the field of Testing

Certificate No. TEC/MRA/CAB/IND-D/19-I

Issue Date: 24/12/2024

Validity: 29/12/2024 to 28/12/2027

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

Digitally signed by
Sanjeev Kumar Arya
Date: 24-12-2024 15:45:06
Sanjeev Kumar Arya
Director (CA)
For Designating Authority
TEC

**Certificate No: TEC/MRA/CAB/IND-D/19-I dated 24/12/2024 issued to
M/s Nemko India (Test Lab) Private Limited, Faridabad
Plot No. 193, Sector-68, IMT Faridabad, Haryana-121 004**



Validity: -29/12/2024 to 28/12/2027

Terms & Conditions

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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 on 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.
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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
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TELECOMMUNICATION ENGINEERING CENTRE **ISO 9001: 2015**
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi - 110 001



SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Nemko India (Test Lab) Private Limited, Faridabad
Plot No. 193, Sector-68, IMT Faridabad,
Haryana-121 004

Certificate Number: TEC/MRA/CAB/IND-D/19-I

Page 1 of 6

Validity: 29/12/2024 to 28/12/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
1	EMI/EMC Testing for Telecom Equipment	Conducted Emission CISPR 11	TEC/SD/DD/EMC-221/05/OCT-16
		Conducted Emission CISPR 32	TEC/SD/DD/EMC-221/05/OCT-16
		Conducted Emission CISPR 14-1	TEC/SD/DD/EMC-221/05/OCT-16
		Conducted Emission CISPR 25	TEC/SD/DD/EMC-221/05/OCT-16
		Electrostatic Discharge Immunity Test IEC 61000-4-2	TEC/SD/DD/EMC-221/05/OCT-16
		Electrical Fast Transient/Burst Immunity Test IEC 61000-4-4	TEC/SD/DD/EMC-221/05/OCT-16
		Surge Immunity Test IEC 61000-4-5	TEC/SD/DD/EMC-221/05/OCT-16
		Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields IEC 61000-4-6	TEC/SD/DD/EMC-221/05/OCT-16
		Voltage Dips, Short Interruptions and Voltage Variation Immunity Tests IEC 61000-4-11	TEC/SD/DD/EMC-221/05/OCT-16
		DC Voltage Dips, Short Interruption and Voltage Variations Immunity Test IEC 61000-4-29	TEC/SD/DD/EMC-221/05/OCT-16
		Electrostatic Discharge Immunity Test, High Energy/Telecom Surge Immunity Test ITU-T K.21	TEC/SD/DD/EMC-221/05/OCT-16

***The validity of Certificate is up to 28/12/2027 or the continued validity of NABL Accreditation, whichever is earlier.**

GOVERNMENT OF INDIA
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TELECOMMUNICATION ENGINEERING CENTRE **ISO 9001: 2015**
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SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Nemko India (Test Lab) Private Limited, Faridabad
Plot No. 193, Sector-68, IMT Faridabad,
Haryana-121 004

Certificate Number: TEC/MRA/CAB/IND-D/19-I

Page 2 of 6

Validity: 29/12/2024 to 28/12/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing#	Standard/ Specification
	EMI/EMC Testing for Telecom Equipment	High Energy /Telecom Surge Immunity Test ITU-T K.44	TEC/SD/DD/EMC-221/05/OCT-16
2.	Equipment Operating in 2.4 GHz and 5 GHz Frequency Bands	Duty Cycle, Tx sequence, Tx-gap Clause- 4.3.1.3, 4.3.2.4 & 5.3.2	ETSI EN 300 328
		Accumulated Transmit Time, Frequency Occupation and Hopping Clause-4.3.1.4 & 5.3.4	ETSI EN 300 328
		Hopping Frequency Separation Clause- 4.3.1.5 & 5.3.5	ETSI EN 300 328
		Medium Utilization Clause- 4.3.1.6, 4.3.2.5 & 5.3.2	ETSI EN 300 328
		Adaptivity Clause- 4.3.1.7, 4.3.2.6 & 5.3.7	ETSI EN 300 328
		Occupied Channel Bandwidth Clause- 4.3.1.8, 4.3.2.7 & 5.3.8	ETSI EN 300 328
		Transmitter Unwanted Emission in OOB Domain (Conductive Testing only) Clause- 4.3.1.9, 4.3.2.8 & 5.3.9	ETSI EN 300 328
		Receiver Blocking Clause- 4.3.1.12, 4.3.2.11 & 5.3.7	ETSI EN 300 328
		Geolocation Capability Clause- 4.3.1.13, 4.3.2.12	ETSI EN 300 328
		RF Output Power Clause-4.3.1.2, 4.3.2.2 & 5.3.2	ETSI EN 300 328

***The validity of Certificate is up to 28/12/2027 or the continued validity of NABL Accreditation, whichever is earlier.**



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Nemko India (Test Lab) Private Limited, Faridabad
Plot No. 193, Sector-68, IMT Faridabad,
Haryana-121 004

Certificate Number: TEC/MRA/CAB/IND-D/19-I

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Validity: 29/12/2024 to 28/12/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/ Specification
	Equipment Operating in 2.4 GHz and 5 GHz Frequency Bands	Power Spectral Density Clause- 4.3.2.3 & 5.3.3	ETSI EN 300 328
		Designation of Center Frequencies and Frequency Error Clause- 4.2.1	ETSI EN 302 502
		Transmitter RF Output Power, EIRP and EIRP Spectral Density Clause- 4.2.2	ETSI EN 302 502
		Transmitter Power Control (TPC) Clause- 4.2.4	ETSI EN 302 502
		Dynamic Frequency Selection (DFS) Cause-.4.2.6	ETSI EN 302 502
		Receiver Blocking Clause- 4.2.7	ETSI EN 302 502
		User Access Restrictions Clause- 4.2.8	ETSI EN 302 502
		Carrier Frequencies Clause- 4.2.1	ETSI EN 301 893
		Nominal and Occupied Channel Bandwidth Clause- 4.2.2	ETSI EN 301 893
		RF Output Power, Transmit Power Control (TPC), Power Density Clause- 4.2.3	ETSI EN 301 893
		Transmitter Unwanted Emissions within the 5 GHz RLAN Bands (Conductive Testing only) Clause- 4.2.4.2	ETSI EN 301 893

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GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS
TELECOMMUNICATION ENGINEERING CENTRE **ISO 9001: 2015**
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi - 110 001



SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Nemko India (Test Lab) Private Limited, Faridabad
Plot No. 193, Sector-68, IMT Faridabad,
Haryana-121 004

Certificate Number: TEC/MRA/CAB/IND-D/19-I

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Validity: 29/12/2024 to 28/12/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Equipment Operating in 2.4 GHz and 5 GHz Frequency Bands	Dynamic Frequency Selection (DFS) Clause- 4.2.6.2	ETSI EN 301 893
		Adaptivity Clause- 4.2.7	ETSI EN 301 893
		Receiver Blocking Clause- 4.2.8	ETSI EN 301 893
		User Access Restrictions Clause- 4.2.9	ETSI EN 301 893
		Geo Location Capability Clause- 4.2.10	ETSI EN 301 893
3.	Safety Requirements for Radio Transmitting Equipment	Fault Conditions Clause- 5.3	IEC 60215:2016
		Resistance to Humidity Clause- 6.3.2	IEC 60215:2016
		General Clause- 7.1	IEC 60215:2016
		Enclosures Clause- 7.3	IEC 60215:2016
		High Temperatures Clause- 8.2	IEC 60215:2016
		Fire Clause- 8.3	IEC 60215:2016
		Clearance and Creepage Distances Annex A	IEC 60215:2016

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SCOPE OF DESIGNATION
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Laboratory Name: M/s Nemko India (Test Lab) Private Limited, Faridabad
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Validity: 29/12/2024 to 28/12/2027

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/ Specification
4.	Environmental Testing of Telecommunication Equipment	Low Temperature (Cold Cycle) Test	QM-333 Issue March 2010
		High Temperature (Dry Heat Cycle) Test	QM-333 Issue March 2010
		Tropical Exposure (Damp Heat Cyclic) Test	QM-333 Issue March 2010
		Rapid Temperature Cycle Test	QM-333 Issue March 2010
		Damp Heat (Steady State) Test	QM-333 Issue March 2010
		Vibration Test	QM-333 Issue March 2010
		Drop Test	QM-333 Issue March 2010
		Topple Test	QM-333 Issue March 2010
		Fall Test	QM-333 Issue March 2010

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Validity: 29/12/2024 to 28/12/2027

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Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing#	Standard/ Specification
5.	Mobile Phone Handsets (Part 3- Indian Language Support for Mobile Phones Handsets- Specific Requirements	Mobile Device Indian Language Support Clause- 5.1 & 5.2	IS 16333 (Part 3):2017

Digitally signed by
Rajeev Ranjan
Date: 24-12-2024 15:51:56

AD (CA), TEC

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