



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **CONSEPT EUROPE KFT**

**OFFICE ADDRESS:** HU 1132 VISEGRÁDI UTCA 50/AB 6/29.EM., BUDAPEST, 1132, HUNGARY

**LABORATORY ADDRESS:** KÖŞKLÜ ÇEŞME MAH. 577 SOK. NO: 17, GEBZE, KOCAELI, REPUBLIC OF TURKEY  
41400

### **Testing Laboratory TL-872**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date September 27, 2023



A handwritten signature in black ink, reading 'Raj Nathan'.

**President**

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

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[www.consept.com.tr](http://www.consept.com.tr)

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*Accredited to ISO/IEC 17025:2017*

*Effective Date September 27, 2023*

<b>Acoustical</b>	
EN ISO 7779	Acoustics – measurement of airborne noise emitted by information technology and telecommunications equipment
ISO 9296	Acoustics – declared noise emission values of computer and business equipment
<b>Automobile</b>	
UNECE R-118	Burning behavior of materials used in the interior construction of certain categories of motor vehicles
<b>Electrical</b>	
EN 50530	Overall efficiency of grid connected photovoltaic inverters
EN 60034-1	Rotating electrical machines – Part 1: Rating and performance
EN 60146-1-1	Semiconductor converters - General requirements and line commutated converters – Part 1-1: Specification of basic requirements
EN 60204-1/IEC 60204-1	Safety of machinery - electrical equipment – part 1: IEC 60204-1 general requirements
EN 60335-1/IEC 60335-1	Household and similar electrical appliances – safety Part 1: General requirements
EN 60598-1	Luminaires – Part 1: General requirements and tests
EN 60601-1/IEC 60601-1	Medical electrical equipment – Part 1: general requirements for basic safety and essential performance
EN 60950-1/IEC 60950-1	Information technology equipment – safety – general requirements
EN 60974-1	Arc welding equipment – Part 1: Welding power sources
EN 61010-1	Safety requirements for electrical equipment for measurement, control, and laboratory use General requirements
EN 61683	Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

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EN 61727	Photovoltaic (PV) systems – Characteristics of the utility interface
EN 61851-23/IEC 61851-23	Electric vehicle conductive charging system – Part 23: DC electric vehicle charging station
EN 62031	LED modules for general lighting – Safety specifications
EN 62040-1/IEC 62040-1	Uninterruptible power systems (UPS) – Part 1: Safety requirements
EN 62040-3/IEC 62040-3	Uninterruptible Power Systems (UPS); Part 3: Method of specifying the performance and test requirements
EN 62116	Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures
EN 62109-1	Safety of power converters for use in photovoltaic power systems – Part 1: General requirements
EN 62109-2	Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters
EN 62310-1/IEC 62310-1	Static transfer systems (STS); Part 1: General and safety requirements
EN 2368-1/IEC 62368-1	Audio/video, information and communication technology equipment – Part 1: safety requirements
<b>EMC</b>	
CISPR 11	Industrial, scientific and medical equipment – radio frequency disturbance characteristics – limits and methods of measurement
CISPR 12	Vehicles, boats, and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers
CISPR 13	Sound and television broadcast receivers and associated equipment – radio disturbance characteristics – limits and methods of measurement
CISPR 14-1	Electromagnetic compatibility – requirements for household appliances, electric tools and similar apparatus – part 1: emission
CISPR 14-2	Electromagnetic compatibility – requirements for household appliances, electric tools and similar apparatus – part 2: immunity – product family standard
CISPR 15	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
CISPR 22	Information technology equipment – radio disturbance characteristics – limits and methods of measurement
CISPR 24	Information technology equipment – immunity characteristics – Limits and methods of measurement

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CISPR 25	Vehicles, boats and internal combustion engines – radio disturbance characteristics – limits and methods of measurement for the protection of on-board receivers
CISPR 32	Electromagnetic compatibility of multimedia equipment Emission requirements
CISPR 35	Electromagnetic compatibility of multimedia equipment - Immunity requirements
CS.00054	General Electrical and EMC Performance Requirements for E/E Components
CVS46	Electromagnetic compatibility (EMC) in commercial vehicles
ECE R-10	Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility
EN 12015	Electromagnetic compatibility – Product family standard for lifts, escalators and moving walks – Emission
EN 12016	Electromagnetic compatibility – Product family standard for lifts, escalators and moving walks – Immunity
EN 13766-1	Earth-moving and building construction machinery – Electromagnetic compatibility (EMC) of machines with internal electrical power supply – Part 1: General EMC requirements under typical electromagnetic environmental conditions
EN 13766-2	Earth-moving and building construction machinery – Electromagnetic compatibility (EMC) of machines with internal electrical power supply – Part 2: Additional EMC requirements for functional safety
EN 50121-1	Railway applications – Electromagnetic compatibility Part 1: General (applicable standards EN 50121-3-1, EN 50121-3-2, EN 50121-4)
EN 50121-3-1	Railway applications - Electromagnetic compatibility – Part 3-1: Rolling stock – Train and complete vehicle
EN 50121-3-2	Railway applications - Electromagnetic compatibility – Part 3-2: Rolling stock – Apparatus
EN 50121-4	Railway applications - Electromagnetic compatibility – Part 4: Emission and immunity of the signalling and telecommunications apparatus
EN 50130-4	Alarm systems - Part 4: Electromagnetic compatibility – Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems
EN 50147-1	Anechoic chambers – Part 1: Shield attenuation measurement
EN 50155	Railway applications – Rolling stock – Electronic equipment
EN 50270	Electromagnetic compatibility – Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen
EN 50293	Road traffic signal systems – electromagnetic compatibility

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EN 50366	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure
EN 50491-5-1	General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 5-1: EMC requirements, conditions and test set-up
EN 50500	Measurement procedures of magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure
EN 55011	Industrial, scientific and medical equipment – radio frequency disturbance characteristics – limits and methods of measurement
EN 55012	Vehicles, boats, and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers
EN 55013	Sound and television broadcast receivers and associated equipment – radio disturbance characteristics – limits and methods of measurement
EN 55014-1	Electromagnetic compatibility - requirements for household appliances, electric tools and similar apparatus – part 1: emission
EN 55014-2	Electromagnetic compatibility – requirements for household appliances, electric tools and similar apparatus – part 2: immunity – product family standard
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 55022	Information technology equipment – radio disturbance characteristics – limits and methods of measurement
EN 55024	Information technology equipment – immunity characteristics – Limits and methods of measurement
EN 55025	Vehicles, boats and internal combustion engines – radio disturbance characteristics – limits and methods of measurement for the protection of on-board receivers
EN 55032	Electromagnetic compatibility of multimedia equipment Emission requirements
EN 55035	Electromagnetic compatibility of multimedia equipment – Immunity requirements
EN 60255-26/IEC 60255-26	Measuring relays and protection equipment – Part 26: Electromagnetic compatibility requirements
EN 60601-1-2/IEC 60601-1-2	Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic disturbances – Requirements and tests
EN 60730-1	Automatic electrical controls for household and similar use – Part 1: General requirements
EN 60945	Maritime navigation and radio communication equipment and systems – General requirements – Methods of testing and required test results

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EN 60947-2, Annex J	Low-voltage switchgear and control gear – Part 2: Circuit breakers
EN 60974-10	Arc welding equipment – Part 10: Electromagnetic compatibility (EMC) requirements
EN 61000-3-2/IEC 61000-3-2	Electromagnetic compatibility (EMC) – limits – limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)
EN 61000-3-3/IEC 61000-3-3	Electromagnetic compatibility (EMC) – limits – limitation public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection
EN 61000-4-2/IEC 61000-4-2	Electromagnetic compatibility (EMC) – testing and measurement techniques - electrostatic discharge immunity test
EN 61000-4-3/IEC 61000-4-3	Electromagnetic compatibility (EMC) – Part 4-3: testing and measurement techniques – radiated, radio-frequency, electromagnetic field immunity test
EN 61000-4-4/IEC 61000-4-4	Electromagnetic compatibility (EMC) – part 4-4: testing and measurement techniques – electrical fast transient/burst immunity test
EN 61000-4-5/IEC 61000-4-5	Electromagnetic compatibility (EMC) – part 4-5: testing and measurement techniques – surge immunity test EN 61000-4-6 Electromagnetic compatibility
EN 61000-4-6/IEC 61000-4-6	Electromagnetic compatibility (EMC) – part 4-6: testing and measurement techniques – immunity to conducted disturbances, induced by radio-frequency fields
EN 61000-4-8/IEC 61000-4-8	Electromagnetic compatibility (EMC) – part 4-8: testing and measurement techniques – power frequency magnetic field immunity test
EN 61000-4-9/IEC 61000-4-9	Electromagnetic compatibility (EMC) – Part 4-9: testing and measurement techniques – pulse magnetic field immunity test
EN 61000-4-11/IEC 61000-4-11	Electromagnetic compatibility (EMC) – part 4-11: testing and measurement techniques – voltage dips, short interruptions and voltage variations immunity tests
EN IEC 61000-6-1	Electromagnetic compatibility (EMC) – Part 6-1: Generic standards – Immunity for residential, commercial and light industrial environments
EN IEC 61000-6-2	Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments
EN 61000-6-3	Electromagnetic compatibility (EMC) – Part 6-3: Generic standards; Emission standard for residential, commercial and light-industrial environments
EN IEC 61000-6-4	Electromagnetic compatibility (EMC) – Part 6-4: Generic standards; Emission standard for industrial environments
EN 61326-1	Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements
EN 61439-1 Annex J	Low-voltage switchgear and controlgear assemblies – Part 1: General rules

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EN 61547	Equipment for general lighting purposes – EMC immunity Requirements
EN 61800-3	Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods
EN 61850-3	Communication networks and systems for power utility automation – Part 3: General requirements
EN IEC 61851-1	Electric vehicle conductive charging system - Part 1: General requirements
EN 61851-21-1	Electric vehicle conductive charging system – Part 21-1: Electric vehicle on-board charger EMC requirements for conductive connection to an AC/DC supply
EN 62040-2/IEC 62040-2	Uninterruptible power systems (UPS) – part 2: Electromagnetic compatibility (EMC) requirements
EN 62233	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure
EN 62310-2/IEC 62310-2	Static transfer systems (STS); Part 1: General and safety requirements
ETSI EN 300 220-1	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement
ETSI EN 300 328	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
ETSI EN 300 330	Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz
ETSI EN 300 440	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard for access to radio spectrum
ETSI EN 301 489-1	Radio Equipment and Services; Part 1: Common technical requirements
ETSI EN 301 489-3	Radio Equipment and Services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz
ETSI EN 301 489-7	Radio Equipment and Services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems
ETSI EN 301 489-17	Radio Equipment and Services; Part 17: Specific conditions for Broadband Data Transmission Systems
ETSI EN 301 489-19	Radio Equipment and Services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data
ETSI EN 301 489-33	Radio Equipment and Services; Part 33: Specific conditions for Ultra-WideBand (UWB) devices

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ETSI EN 301 489-52	Radio Equipment and Services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment
ETSI EN 301 489-53	Radio Equipment and Services; Part 53: Specific conditions for terrestrial sound broadcasting and digital TV broadcasting service transmitters and associated ancillary equipment
ETSI EN 301 511	Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands covering essential requirements
ETSI EN 301 843-1	ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 1: Common technical requirements
ETSI EN 301 893	Broadband Radio Access Networks; 5 GHz RLAN
ETSI EN 301 908-1	Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements
ETSI EN 301 908-2	Harmonised Standard for access to radio spectrum; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
ETSI EN 302 065-1	Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Part 1: Requirements for Generic UWB applications
ETSI EN 302 291-2	Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz
ETSI EN 303 345-3	Broadcast Sound Receivers; Part 2: AM broadcast sound service
ETSI EN 303 413	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers
ETSI EN 303 417	Wireless power transmission systems, using technologies other than radio frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz ranges
ETSI EN 303 446-1	Combined and/or integrated radio and non-radio equipment; Part 1: Requirements for equipment intended to be used in residential, commercial and light industry locations
FCC Part 15	Radio Frequency Devices
FMC1278	Electromagnetic Compatibility Specification For Electrical/Electronic Components and Subsystems
GS 95002-1	Motor vehicles Electromagnetic Compatibility (EMC) General requirements and tests
GS 95002-2	Motor vehicles Electromagnetic Compatibility (EMC) Requirements and tests on components up to 60 V nominal voltage
GS 95002-3	Motor vehicles Electromagnetic Compatibility (EMC) Requirements and tests on components above 60 V nominal voltage



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GS 95002-4	Motor vehicles Electromagnetic Compatibility (EMC) Requirements and tests total vehicle
GS 95002-5	Motor vehicles Electromagnetic compatibility (EMC) Requirements and tests within the frequency range 9 kHz to 30 MHz
GS 95002-6	Motor vehicles Electromagnetic Compatibility (EMC) Requirements and tests of magnetic fields at low frequencies total vehicle
IEC 60533	Electrical and electronic installations in ships – Electromagnetic compatibility (EMC) – Ships with a metallic hull
ISO 7637-2	Road vehicles – electrical disturbances from conduction and coupling – part 2: electrical transient conduction along supply lines only
ISO 7637-3	Road vehicles – electrical disturbances from conduction and coupling – part 3: electrical transient transmission by capacitive and inductive coupling via lines other than supply lines
ISO 10605	Road vehicles – Test methods for electrical disturbances from electrostatic discharge
ISO 11451-1	Road vehicles – Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy – part 1: general principles and terminology
ISO 11452-1	Road vehicles – component test methods for electrical disturbances from narrowband radiated electromagnetic energy – part 1: general principles and terminology
ISO 11452-2	Road vehicles – component test methods for electrical disturbances from narrowband radiated electromagnetic energy – part 2: absorber-lined shielded enclosure
ISO 11452-4	Road vehicles – component test methods for electrical disturbances from narrowband radiated electromagnetic energy – part 4: bulk current injection (BCI)
ISO 11452-5	Road vehicles – component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 5: stripline
ISO 11452-8	Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 8: Immunity to magnetic fields
Jaguar JLR-EMC-CS	Electromagnetic Compatibility Specification For Electrical/Electronic Components and Subsystems
Jaguar TPJLR.18.125	Electrical and Electronic Component Environmental Compatibility Test
M 3285	Electromagnetic compatibility (EMC) in MAN commercial vehicles
M 3499-1	General requirements for electric, electronic and mechatronic systems

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M 3499-2	General requirements for electric, electronic and mechatronic systems, Part 2: Test conditions and electrical tests
MBN 10284-2	EMC Performance Requirements – Component Tests
MBN 10284-4	EMC Performance Requirements – Component Tests (Trucks and Buses)
MIL-STD 461E/F/G	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment
MIL-STD 1275C/D/E	Characteristics of 28 VDC Electrical Systems in Military Vehicles
OIML D11	General requirements for electronic measuring instruments
OIML R21, Annex A	Taximeters Metrological and technical requirements, test procedures and test report format
OIML R76-1, Annex B	Non-automatic weighing instruments Part 1: Metrological and technical requirements – Tests
OIML R91, Annex	Radar equipment for the measurement of the speed of vehicles
OIML R117-1, A10, A11, A12	Dynamic measuring systems for liquids other than water Part 1: Metrological and technical requirements
PSA B21 7110	Environment Specifications for Electrical and Electronic Equipment, Electrical Characteristics
PSA B21 7120	Environment of Electrical and Electronic Equipment, Mechanical Characteristics
PSA B21 7130	Environment of Electrical and Electronic Equipment, Climatic and Chemical Characteristics
Renault 36-00-802	Recommended Requirements for Physico-Chemical Environment of on Board Electrical and Electronic Equipments; General Instructions, Technical Constraints, Environmental Tests and Tests Sequences
Renault 36-00-808	Resistance to Electrical Disturbances and Electromagnetic Compatibility Instructions Concerning Electrical, Electronic and Pyrotechnic Equipment
RNDS-C-00517	Resistance to Electrical Disturbances and Electromagnetic Compatibility Instructions Concerning Electrical, Electronic and Pyrotechnic Equipment
RTCA DO-160E/F/G	Environmental Conditions and Test Procedures for Airborne Equipment
TL 81000	Electromagnetic Compatibility of Automotive Electronic Components
TS-0000048-07	Tesla EMC Requirements for Electrical and Electronic Components Including Motors
TS-0000425-05	Tesla Electrical Requirements For Components
TSC0501G	Toyota Engineering Standard, Bench test method for immunity performance of automotive electrical and electronic devices

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TSC0502G	Toyota Engineering Standard, Bench test methods for electrical noise resistance of automotive electric and electronic devices
TSC0504G	Toyota Engineering Standard, General rule of bench test method for electrostatic resistance performance of automotive electric and electronic equipment
TSC0505G	Toyota Engineering Standard, Bench test method for radio interference suppression performance of automotive electric and electronic parts
TSC0506G	Toyota Engineering Standard, Bench test method for power voltage fluctuation resistance performance of automotive electrical and electronic devices
TSC7001G	Toyota Engineering Standard, Bench test method for immunity performance of automotive electrical and electronic devices
TSC7006G	Toyota Engineering Standard, Bench test methods for electromagnetic interference susceptibility of automotive electronic equipment
TSC7018G	Toyota Engineering Standard, Bench test method for immunity performance of automotive electrical and electronic devices
TSC7021G	Toyota Engineering Standard, Bench test method for immunity performance of automotive electrical and electronic devices
TSC7026G	Toyota Engineering Standard, Test method for measuring radio frequency emission noise from automotive ESA, for which EMC homologation must be obtained
TSC7034G	Toyota Engineering Standard, Test method for electrical disturbance of parts to be subjected to EMC certification
TSC7039G	Toyota Engineering Standard, Bench test method for immunity performance of automotive electrical and electronic devices
VW 80000	Electric and Electronic Components in Motor Vehicles up to 3.5 t, General Requirements, Test Conditions, and Tests
<b>Environmental</b>	
EN 60068-2-1/IEC 60068-2-1	Environmental testing – Part 2-1 – tests – test A: cold
EN 60068-2-2/IEC 60068-2-2	Environmental testing – Part 2-2 – tests – test B: dry heat
EN 60068-2-6/IEC 60068-2-6	Environmental testing – Part 2-6 – tests – test FC: vibration (sinusoidal)
EN 60068-2-11/IEC 60068-2-11	Environmental Testing – Part 2-11 – Tests Ka: Salt mist
EN 60068-2-14/IEC 60068-2-14	Environmental testing – Part 2-14 – tests – test N: change of temperature

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EN 60068-2-27/IEC 60068-2-27	Environmental Testing – Part 2-27 – Part 2-27: Tests – Test Ea and guidance: Shock
EN 60068-2-30/IEC 60068-2-30	Environmental testing – Part 2-30 – tests – test DB: damp heat, cyclic
EN 60068-2-31/IEC 60068-2-31	Environmental testing – part 2-31 – tests – test EC: rough handling shocks, primarily for equipment – type specimens
EN 60068-2-38/IEC 60068-2-38	Environmental Testing – Part 2-38: Tests – Test Z/AD: Composite Temperature/Humidity Cyclic Test
EN 60068-2-47/IEC 60068-2-47	Environmental testing – part 2-47 – tests - mounting of specimens for vibration, impact and similar dynamic tests
EN 60068-2-64/IEC 60068-2-64	Environmental Testing – Part 2-64: Tests – Test Fh: Vibration, Broadband Random and Guidance
EN 60068-2-78/IEC 60068-2-78	Environmental Testing – Part 2-78: Tests – Test Cab: Damp Heat, Steady State
EN 60529/IEC 60529	Degrees of protection provided by enclosures (IP Code)
EN 61373/IEC 61373	Railway applications – Rolling stock equipment – Shock and vibration tests
EN 62262/IEC 62262	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
EN 62321-1/IEC 62321-1	Determination of certain substances in electrotechnical products – Part 1: Introduction and overview
EN 62623/IEC 60068-2-2	Desktop and notebook computers – Measurement of energy consumption
EN 50563	External a.c. - d.c. and a.c. - a.c. power supplies – Determination of no-load power and average efficiency of active modes
EN 62301/IEC 62301	Household electrical appliances – Measurement of standby power
ISO 12103-1	Road Vehicles – Test Contaminants for Filter Evaluation – Part 1: Arizona Test Dust
ISO 16750-1	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 1: General
ISO 16750-2	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 2: Electrical loads
ISO 16750-3	Road Vehicles – Environmental Conditions and Testing for Electrical and Electronic Equipment – Part 3: Mechanical Loads
ISO 16750-4	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 4: Climatic loads
ISO 16750-5	Road Vehicles – Environmental Conditions and Testing for Electrical and Electronic Equipment – Part 5: Chemical Loads

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ISO 20653	Road Vehicles – Degrees of Protection (IP Code) – Protection of Electrical Equipment Against Foreign Objects, Water and Access
Mil-STD 810E/F/G/H	Environmental Engineering Considerations and Laboratory Tests

*CISPR: The Comité International Spécial des Perturbations Radioélectriques  
(International Special Committee on Radio Interference)*

*ECE: Economic Commission for Europe*

*IEC: International Electrotechnical Commission*

*UNECE: United Nations Economic Commission for Europe*