



Italia

# ACCREDITAMENTI e NOTIFICHE

**TÜV Italia S.r.l.**

Aggiornamento: aprile 2012

## Organismo di certificazione di Sistemi di Gestione

**Schema di Accredimento:** SGQ (Sistemi Gestione Qualità)

**Nei settori EA:** 02, 03, 04, 05, 06, 07, 08, 09, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22a, 22b, 23e, 24, 28, 29a, 29b, 30, 31, 32, 33, 34, 34-RT 21, 35, 36, 37, 38, 39

**Norma:** UNI CEI EN ISO/IEC 17021:2006

**Certificato:** N.049A

**Emesso il:** 1999-01-20   **Da:** Accredia

**Valido fino a:** 2015-01-19

SGQ in conformità alla norma UNI EN ISO 9001:2008

SGQ in conformità alla norma UNI EN ISO 13485:2004, Dispositivi medici

SGQ in conformità alla norma UNI EN ISO 3834:2006

SGQ in conformità allo schema EN 9100: 2003 (Aerospace series)

SGQ in conformità allo schema EN 9110: 2005 (Aerospace series)

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**Schema di Accredimento:** SGA (Sistemi Gestione Ambiente) in conformità alla norma UNI EN ISO 14001-2004

**Nei settori EA:** 01, 02, 03, 05, 06, 07, 09, 12, 14, 15, 16, 17, 18, 19, 23e, 24, 25, 28, 29a, 29b, 30, 31a, 33, 35, 36, 39, 39a

**Norma:** UNI CEI EN ISO/IEC 17021:2006

**Certificato:** N.018D

**Emesso il:** 2002-03-21   **Da:** Accredia

**Valido fino a:** 2014-03-20

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**Schema di Accredimento:** SCR (Sistemi Gestione Sicurezza) in conformità alla norma BS OHSAS 18001:2007

**Nei settori EA:** 04, 05, 06, 07, 08, 09, 10, 12, 13, 14, 17, 18, 19, 20, 21, 22a, 22b, 23a, 23b, 23c, 23d, 23e, 23f, 24, 28, 29a, 29b, 29c, 31a, 32, 33, 34, 35, 36, 37, 39

**Norma:** UNI CEI EN ISO/IEC 17021:2006

**Certificato:** N.009F

**Emesso il:** 2004-02-11   **Da:** Accredia

**Valido fino a:** 2016-02-10

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**Schema di Accredimento:** SSI (Sistemi Gestione Sicurezza Informazione) in conformità alla norma ISO/IEC 27001:2005

**Nei settori EA:** 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22a, 22b, 23a, 23b, 23c, 23d, 23e, 23f, 24, 25, 26, 27, 28, 29a, 29b, 29c, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39

**Norma:** UNI CEI EN ISO/IEC 17021:2006, ISO/IEC 27006:2007

**Certificato:** N.005G

**Emesso il:** 2004-12-14   **Da:** Accredia

**Valido fino a:** 2012-12-13

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**Schema di Accredimento:** ITX (Sistemi Gestione IT) in conformità alla norma ISO/IEC 20000-1:2005

**Nei settori EA:** 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22a, 22b, 23a, 23b, 23c, 23d, 23e, 23f, 24, 25, 26, 27, 28, 29a, 29b, 29c, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39

**Norma:** UNI CEI EN ISO/IEC 17021:2006

**Certificato:** N.001L

**Emesso il:** 2009-12-01 **Da:** Accredia

**Valido fino a:** 2013-11-30

**Schema di Accredimento:** EMAS

**Nei settori NACE:** 08 - 09.9 - 10 - 11 - 13 - 14.1 - 14.3 - 16 - 17 - 18 - 20 - 21 - 22 - 23 - 24 (escluso 24.4) - 25 - 26.11/20/30/51/80 - 27 - 28 - 29.31 - 30.1/4 - 31 - 33.11/12/13/14/15/19/20 - 35.1 - 37 - 38 - 39 - 41.2 - 42 - 43 - 45.2 - 49.3 - 55 - 56 - 58 - 59 - 60 - 62 - 63 - 64.2 - 69 - 70 - 71 - 73 - 74 - 75 - 78 - 80 - 81.2 - 82 - 84 - 85 - 86 - 87 - 88 - 90 - 91 - 92 - 93 - 95.1 - 95.22 - 95.24

**Registrazione n°:** IT-V-009

**Emesso il:** 2004-03-31 **Da:** ISPRA

**Valido fino a:** 2016-03-30

## Organismo di certificazione di prodotto e notifiche EU

**Schema di Accredimento:** PRD (Prodotto)

**Norma:** UNI CEI EN 45011 Ed. 1999

**Certificato:** N.081B

**Emesso il:** 2006-02-28 **Da:** Accredia

**Valido fino a:** 2014-02-27

Conformità alle norme IFS Food v.5, BRC Food v.6, BRC IOP v.4, GLOBALG.A.P v.4 per:

- prodotti agricoli di origine animale e vegetale, prodotti dell'industria agroalimentare di origine animale e vegetale;
- imballaggi.

Conformità alla norma UNI EN 15085-2: 2008 per:

- certificazione di procedimenti di saldatura e brasatura

## Notifiche Europee – Organismo Notificato n. 0948:

DIRETTIVA	DESCRIZIONE
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<b>89/106/EEC</b>	<b>Prodotti da costruzione</b>
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EN 301 489-01	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 1: common technical requirements
EN 301 489-02	Electromagnetic Compatibility and Radio Spectrum Matters (ERM) Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 2: specific conditions for radio paging equipment

EN 301 489-03	Electromagnetic Compatibility and Radio Spectrum Matters (ERM) Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 3: specific requirements for Short-Range Devices (SRD) operating on frequencies between 9 KHz and 25 GHz
EN 301 489-04	Electromagnetic Compatibility and Radio Spectrum Matters (ERM) Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 4: specific requirements for fixed radio links and ancillary equipment and services
EN 301 489-05	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 5: specific requirements for private land mobile radio (PMR) and ancillary equipment (speech and non-speech)
EN 301 489-06	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 6: specific conditions for digital enhanced cordless telecommunications (DECT) equipment
EN 301 489-07	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 7: specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)
EN 301 489-08	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 8: specific requirements for GSM base stations
EN 301 489-09	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 9: specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring
EN 301 489-10	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 10: specific conditions for first (CT1 and CT1+) and second generation cordless telephone (CT2) equipment
EN 301 489-11	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 11: specific conditions for terrestrial sound broadcasting service transmitters
EN 301 489-12	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 12: specific conditions for very small aperture terminal, satellite interactive earth stations operated in the frequency ranges between 4 GHz and 30 GHz in the fixed satellite service (FSS)
EN 301 489-13	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 13: specific conditions for Citizens' Band (CB) radio and ancillary equipment (speech and non-speech)
EN 301 489-14	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 14: specific conditions for analogue and digital terrestrial tv broadcasting service transmitters
EN 301 489-15	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 15: specific conditions for commercially available amateur radio equipment
EN 301 489-16	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 16: specific conditions for analogue cellular radio communications equipment, mobile and portable
EN 301 489-17	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; part 17: specific conditions for 2,4 GHz wideband transmission systems, 5 GHz high performance RLAN equipment and 5,8 GHz broadband data transmitting systems
EN 301 489-18	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 18: specific requirements for terrestrial trunked radio (tetra) equipment

EN 301 489-19	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for 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
EN 301 489-20	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 20: specific conditions for Mobile Earth Stations (MES) used in the mobile satellite services (MSS)
EN 301 489-22	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 22: specific conditions for ground based vhf aeronautical mobile and fixed radio equipment
EN 301 489-23	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 23: specific conditions for imt-2000 CDMA direct spread (UTRA) base station (BS) radio, repeater and ancillary equipment
EN 301 489-24	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 24: specific conditions for imt-2000 CDMA direct spread (UTRA) for mobile and portable (UE) radio and ancillary equipment
EN 301 489-25	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 25: specific conditions for CDMA 1x spread spectrum mobile stations and ancillary equipment
EN 301 489-26	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 26: specific conditions for CDMA 1x spread spectrum base stations, repeaters and ancillary equipment
EN 15050:2007	Prodotti in calcestruzzo prefabbricato - Elementi da ponte
EN 14991:2007	Prodotti in calcestruzzo prefabbricato - Elementi per fondazione (plinti)
EN 14992:2007	Prodotti in calcestruzzo prefabbricato - Elementi per pareti (pannelli)
EN 14843:2007	Prodotti in calcestruzzo prefabbricato - Scale
EN 10025-1:2004	Prodotti laminati a caldo in acciaio per impieghi strutturali - Parte 1: condizioni tecniche di fornitura generali
EN 13224:2004	Prodotti prefabbricati di calcestruzzo - Elementi nervati per pavimentazioni
EN 15258:2008	Prodotti prefabbricati di calcestruzzo - Elementi per muri di sostegno
EN 14844:2006	Prodotti prefabbricati di calcestruzzo - Elementi scatolari
EN 13693:2004	Prodotti prefabbricati di calcestruzzo - Elementi speciali per coperture
EN 13225:2004	Prodotti prefabbricati di calcestruzzo - Elementi strutturali lineari
EN 13978-1:2005	Prodotti prefabbricati di calcestruzzo - Garage prefabbricati di calcestruzzo - Parte 1: Requisiti per garage di calcestruzzo armato realizzati con elementi monolitici o composti da sezioni individuali con dimensioni di un modulo
EN 12737:2007	Prodotti prefabbricati di calcestruzzo - Lastre per pavimentazioni di stalle
EN 13747:2005	Prodotti prefabbricati di calcestruzzo - Lastre per solai
EN 12794:2005	Prodotti prefabbricati di calcestruzzo - Pali di fondazione
EN 12843:2001	Prodotti prefabbricati di calcestruzzo - Pali e antenne
EN 15037-1:2008	Prodotti prefabbricati di calcestruzzo - Solai a travetti e blocchi - Parte 1: Travetti
EN 10210-1:2006	Profilati cavi finiti a caldo di acciai non legati e a grano fine per impieghi strutturali - Parte 1: Condizioni tecniche di fornitura
EN 10219-1:2006	Profilati cavi formati a freddo di acciai non legati e a grano fine per strutture saldate - Parte 1: Condizioni tecniche di fornitura

EN 771-1:2003	Specifica per elementi di muratura - parte 1: Elementi di muratura di laterizio
EN 771-2:2003	Specifica per elementi di muratura - parte 2: Elementi di muratura di silicato di calcio
EN 771-3:2003	Specifica per elementi di muratura - parte 3: Elementi di calcestruzzo (alleggerito)
EN 771-4:2003	Specifica per elementi di muratura - parte 4: Elementi di muratura di calcestruzzo aerato autoclavato
EN 771-5:2005	Specifica per elementi di muratura - Parte 5: Elementi per muratura di pietra agglomerata
EN 771-6:2005	Specifica per elementi di muratura - Parte 6: Elementi per muratura di pietra naturale
EN 998-2:2003	Specifica per malte per opere murarie - parte 2: Malte per murature
EN 14081-1:2005	Strutture di legno - Classificazione della resistenza del legno strutturale a sezione rettangolare - Parte 1: Requisiti generali
EN 14250:2004	Strutture in legno - Requisiti di prodotto per elementi strutturali prefabbricati assemblati con elementi di collegamento di lamiera metallica punzonata

### 94/9/EC **Apparecchi e sistemi di protezione utilizzati in atmosfere potenzialmente esplosive**

Annexes or articles of the directives	Product family, product /Intended use/Product range
Art. 8.1 (b) (ii)	Autonomous protective systems (with indication of explosion characteristics)
Annex III	Group II dust non-electrical
	Group II gas electrical
	Group II gas non-electrical
	All products excepted Internal combustion engines
	Autonomous protective systems (with indication of explosion characteristics) in equipment group II, categories 1, 2 and 3 as follows
	Autonomous protective systems (with indication of explosion characteristics) in equipment group II, categories 1G, 2G and 3G as follows
	Components covering protection concepts for electrical equipment - 'd', 'e', 'i', 'm', 'n', 'o', 'p', 'q', 'tD', 'pD', 'iD', 'mD' non-electrical equipment - fr, d, c, b, k protective systems - venting, suppression, flame arresters, decoupling, explosion resistant enclosure safety-related devices - 94/9/EC Annex II clause 1.5
	Components which are parts of equipment in group II and of protective systems where the source of ignition is primarily electrical
	Devices
	Electrical equipment
	Electrical equipment and components in equipment group II, category 2D and 3D in the protection area "p"
	Electrical equipment and protective systems intended for use in potentially explosive atmospheres in the protection area "o", "p" and "e" in equipment group II, category 1 as follows
	Electrical equipment and protective systems intended for use in potentially explosive atmospheres in the protection area "o", "p" and "e" in equipment group II, category 2 as follows
	Electrical equipment in the protection area "o", "m", "q", "e", "i", p
	Electrical equipment in the protection area "o", "m", "q", "e", "i", p, "d"
	Electrical equipment in the protection area "o", "m", "q", "e", "i", n, "p"

Electrical equipment in the protection area "o", "m", "q", "e", "n", "p"
Electrical equipment in the protection area: "e", "d", "i", "p", "n", tD
Equipment and protective systems intended for use in potentially explosive atmospheres
Equipment group I, categories M1 and M2
Equipment group II, categories 1 and 2
Equipment group II, categories 1G, D and 2G, D excluding high voltage machines
Equipment group II, categories 1G, D, 2G, D and 3G, D
Equipment group II, categories 1G, D, 2G, D and 3G, D, excluding high voltage machines
Equipment group II, category 3
Equipment group II, category 3 classes G and D excluding high voltage machines
Equipment groups I and II, categories M1 and 1
Equipment groups I and II, categories M2 and 2
Equipment in equipment group II, as follows
Equipment in equipment group II, categories 2 and 3 as follows
Equipment in equipment group II, categories 2G and 3G as follows
Equipment in equipment group II, category 1 as follows
Equipment in equipment group II, category 1G as follows
Equipment in equipment group II, category 1G, 2G and 3G in the protection areas "o", "e", "m", "i" and "g"
Equipment in equipment groups I and II, categories M1 and 1, as follows
Equipment in equipment groups I and II, categories M1 and 1G, as follows
Equipment in equipment groups I and II, categories M1, M2, 1, 2 and 3, as follows
Equipment in equipment groups I and II, categories M2, 2 and 3, as follows
Equipment in equipment-group II, in this case including equipment where the source of ignition is primarily electrical.
Equipment in the protection area "e", "d", "ia & ib", "m", "n", "o":q
Equipment in the protection area "e", "d", "ia & ib", "n", "o", "q"
Non electrical components, group II
Non electrical equipment
Non electrical equipment, group II, excluding internal combustion engines
Non-electrical equipment in the protection area "c", "fr", "k"
Non-electrical equipment with the types of protection: mechanically generated sparks, hot surfaces and electromagnetic waves
Protective systems
Protective systems for equipment in group II where the source of ignition is primarily electrical.
Safety devices
Safety devices, controlling devices and regulating devices for the above-mentioned equipment
Safety devices, controlling devices and regulating devices with risk of ignition from mechanically produced sparks
Smoke generator for food treatment

Annex IV	Group I electrical
Annex V	Group II dust electrical
Annex VI	Group I non-electrical
Annex VII	Components intended for use as parts in equipment group I, categories M1 and M2
Annex IX	Components intended for use as parts in equipment group II, categories 1 and 2

### **95/16/EC Ascensori e componenti di sicurezza**

Allegato V-A	Esame CE del tipo (Modulo B) Esame CE del tipo di componenti di sicurezza
Allegato V-B	Esame CE del tipo (Modulo B) Esame CE del tipo di ascensore
Allegato VI	Esame finale
Allegato VIII	Garanzia qualità prodotti (Modulo E)
Allegato IX	Garanzia qualità totale (Modulo H)
Allegato X	Verifica di un unico prodotto (Modulo G)
Allegato XI	Conformità al tipo con controllo per campione (Modulo C)
Allegato XII	Garanzia qualità prodotti per gli ascensori (Modulo E)
Allegato XIII	Garanzia qualità totale (Modulo H)
Allegato XIV	Garanzia qualità produzione (Modulo D)

### **97/23/EC Attrezzature in pressione**

Allegato I, punto 3.1.2	Giunzioni
Allegato I, punto 3.1.3	Prove non distruttive
Allegato III - Modulo A1	Controllo di fabbricazione interno e sorveglianza verifica finale
Allegato III - Modulo B	Esame CE del tipo
Allegato III - Modulo B1	Esame CE della progettazione
Allegato III - Modulo C1	Conformità al tipo
Allegato III - Modulo D1	Garanzia qualità produzione
Allegato III - Modulo E/E1	Garanzia qualità prodotti
Allegato III - Modulo F	Verifica su prodotto
Allegato III - Modulo G	Verifica CE di un unico prodotto
Allegato III - Modulo H1	Garanzia Qualità totale
Allegato III - Modulo H1	Garanzia qualità totale con controllo della progettazione e particolare sorveglianza della verifica finale

**2004/108/CE EMC, Allegato III**

	apparecchiature industriali
	apparecchiature per illuminazione e lampade fluorescenti
	apparecchiature medicali
	apparecchiature per la tecnologia dell'informazione
	elettrodomestici e apparecchi elettronici per uso domestico
	apparecchi didattici elettronici
	apparecchiature di rete
	impianti fissi
EN 1155	Building hardware - electrically powered hold-open devices for swing doors - requirements and test methods
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 12895	Industrial trucks - Electromagnetic Compatibility
EN 13241-1	Industrial, commercial and garage doors and gates - product standard - part 1: products without fire resistance or smoke control characteristics
EN 13309	Construction machinery - Electromagnetic Compatibility of machines with internal electrical power supply
EN 14010	Safety of machinery - equipment for power driven parking of motor vehicles - safety and EMC requirements for design, manufacturing, erection and commissioning stages
EN 300 386	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); telecommunication network equipment; Electromagnetic Compatibility (EMC) requirements
EN 50065-1	Signalling on low voltage electrical installations in the frequency range 3 KHz to 148,5 KHz - general requirements, frequency bands & electromagnetic disturbances
EN 50065-2-1	Signalling on low-voltage electrical installations in the frequency range 3 KHz to 148,5 KHz - part 2-1: immunity requirements for mains communications equipment and systems operating in the range of frequencies 95 KHz to 148,5 KHz and intended for use in residential, commercial and light industrial environments
EN 50065-2-2	Signaling on low-voltage electrical installations in the frequency range 3 KHz to 148,5 KHz - part 2-2: immunity requirements for mains communications equipment and systems operating in the range of frequencies 95 KHz to 148,5 KHz and intended for use in industrial environments
EN 50065-2-3	Signalling on low-voltage electrical installations in the frequency range 3 KHz to 148.5 KHz - part 2-3: immunity requirements for mains communications equipment and systems operating in the range of frequencies 3 KHz to 95 KHz and intended for use by electricity suppliers and distributors
EN 50083-2	Cable networks for television signals, sound signals and interactive services - part 2: Electromagnetic Compatibility for equipment
EN 50090-2-2	Home and Building Electronic Systems (HBES) - part 2-2: system overview - general technical requirements
EN 50091-2	Uninterruptible Power Systems (UPS) - part 2: EMC requirements
EN 50121-1	Railway applications - Electromagnetic Compatibility - part 1: general
EN 50121-2	Railway applications - Electromagnetic Compatibility - part 2: emission of the whole railway system to the outside world
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 50121-5	Railway applications - Electromagnetic Compatibility - part 5: emission and immunity of fixed power supply installations and apparatus
EN 50130-4	Alarm systems - part 4: Electromagnetic Compatibility - product family standard: immunity requirements for components of fire, intruder and social alarm systems
EN 50148	Electronic taximeters
EN 50240	Electromagnetic Compatibility (EMC) - product standard for resistance welding equipment
EN 50263	Electromagnetic Compatibility (EMC) - product standard for measuring relays and protection equipment
EN 50270	Electromagnetic Compatibility - electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen
EN 50293	Electromagnetic Compatibility - road traffic signal systems - product standard
EN 50295	Low-voltage switchgear and controlgear - controller and device interface systems - actuator sensor interface (AS-i)
EN 50370-1	Electromagnetic Compatibility (EMC) - product family standard for machine tools - part 1: emission
EN 50370-2	Electromagnetic Compatibility (EMC) - product family standard for machine tools - part 2: immunity
EN 50412-2-1	Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz - part 2-1: residential, commercial and industrial environment - immunity requirements
EN 50428	Switches for household and similar fixed electrical installations - collateral standard - switches and related accessories for use in Home and Building Electronic Systems (HBES)
EN 50470-1	Electricity metering equipment (AC) - part 1: general requirements, tests and test conditions - metering equipment (class indexes a, b and c)
EN 55011	Industrial, scientific and medical (ISM) radio-frequency equipment - electromagnetic 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 55020	Sound and television broadcast receivers and associated equipment - immunity characteristics - limits and methods of measurement
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 55103-1	Electromagnetic Compatibility - product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - part 1: emission

EN 55103-2	Electromagnetic Compatibility - product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - part 2: immunity
EN 60204-31	Safety of machinery - electrical equipment of machines - particular safety and EMC requirements for sewing machines, units and systems
EN 60439-1	Low voltage switchgear and controlgear assemblies - part 1 - type tested and partially type tested assemblies
EN 60669-2-1	Switches for household and similar fixed electrical installations - part 2-1: particular requirements - electronic switches
EN 60669-2-2	Switches for household and similar fixed electrical installations - part 2-2: particular requirements - electromagnetic remote-control switches (RCS)
EN 60669-2-3	Switches for household and similar fixed electrical installations - part 2-3: particular requirements - time delay switches (TDS)
EN 60730-1	Automatic electrical controls for household and similar use - part 1: general requirements
EN 60730-2-11	Automatic electrical controls for household and similar use - part 2-11: particular requirements for energy regulators
EN 60730-2-13	Automatic electrical controls for household and similar use - part 2-13: particular requirements for humidity sensing controls
EN 60730-2-14	Automatic electrical controls for household and similar use - part 2-14: particular requirements for electric actuators
EN 60730-2-18	Automatic electrical controls for household and similar use - part 2: particular requirements for automatic electrical water and air flow sensing controls, including mechanical requirements
EN 60730-2-5	Automatic electrical controls for household and similar use - part 2-5: particular requirements for automatic electrical burner control systems
EN 60730-2-6	Automatic electrical controls for household and similar use - part 2-6: particular requirements for automatic electrical pressure sensing controls including mechanical requirements
EN 60730-2-7	Automatic electrical controls for household and similar use - part 2-7: particular requirements for timers and time switches
EN 60730-2-8	Automatic electrical controls for household and similar use - part 2-8: particular requirements for electrically operated wire valves, including mechanical requirements
EN 60730-2-9	Automatic electrical controls for household and similar use - part 2-9: particular requirements for temperature sensing controls
EN 60870-2-1	Telecontrol equipment and systems - operating conditions - power supply and Electromagnetic Compatibility
EN 60945	Maritime navigation and radiocommunication equipment and systems - general requirements - methods of testing and required test results
EN 60947-1	Low-voltage switchgear and controlgear - part 1: general rules
EN 60947-2	Low-voltage switchgear and controlgear - part 2: circuit-breakers
EN 60947-3	Low-voltage switchgear and controlgear - part 3: switches, disconnectors, switch-disconnectors and fuse-combination units
EN 60947-4-1	Low-voltage switchgear and controlgear - part 4-1: contactors and motor-starters - electromechanical contactors and motor-starters
EN 60947-4-2	Low-voltage switchgear and controlgear - part 4-2: contactors and motor-starters - ac semiconductor motor controllers and starters
EN 60947-4-3	Low-voltage switchgear and controlgear - part 4-3: contactors and motor-starters - ac semiconductor controllers and contactors for non-motor loads
EN 60947-5-1	Low-voltage switchgear and controlgear - part 5-1: control circuit devices and switching elements - electromechanical control circuit devices

EN 60947-5-2	Low-voltage switchgear and controlgear - part 5-2: control circuit devices and switching elements - proximity switches
EN 60947-5-3	Low-voltage switchgear and controlgear - part 5-3: control circuit devices and switching elements - requirements for proximity devices with defined behaviour under fault conditions (PDF)
EN 60947-5-6	Low-voltage switchgear and controlgear - part 5-6: control circuit devices and switching elements dc interface for proximity sensors and switching amplifiers (namur)
EN 60947-5-7	Low-voltage switchgear and controlgear - part 5-7: control circuit devices and switching elements - requirements for proximity devices with analogue output
EN 60947-6-1	Low-voltage switchgear and controlgear - part 6-1: multiple function equipment - transfer switching equipment
EN 60947-6-2	Low-voltage switchgear and controlgear - part 6-2: multiple function equipment - control and protective switching devices (or equipment) (CPS)
EN 60947-8	Low-voltage switchgear and controlgear - part 8: control units for built-in thermal protection (PTC) for rotating electrical machines
EN 60974-10	Arc welding equipment - part 10: Electromagnetic Compatibility (EMC) requirements
EN 61000-3-11	Electromagnetic Compatibility (EMC) part 3-11: limits - limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - equipment with rated current <75 A and subject to conditional connection
EN 61000-3-12	Electromagnetic Compatibility (EMC) - part 3-12: limits - limits for harmonic currents produced by equipment connected to public low-voltage systems with input current > 16 A and <= 75 A per phase
EN 61000-3-2	Electromagnetic Compatibility (EMC) - part 3-2: limits - limits for harmonic current emissions (equipment input current <= 16 A per phase)
EN 61000-3-3	Electromagnetic Compatibility (EMC) - part 3-3: limits - limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection
EN 61000-6-1	Electromagnetic Compatibility (EMC) - part 6-1: generic standards - immunity for residential, commercial and light-industrial environments
EN 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 61000-6-4	Electromagnetic Compatibility (EMC) - part 6-4: generic standards - emission standard for industrial environments
EN 61008-1	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) - part 1: general rules
EN 61009-1	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) - part 1: general rules
EN 61131-2	Programmable controllers - part 2: equipment requirements and tests
EN 61204-3	Low voltage power supplies, D.C. output - Electromagnetic Compatibility (EMC)
EN 61326	Electrical equipment for measurement, control and laboratory use - EMC requirements
EN 61326-1	Electrical equipment for measurement, control and laboratory use - EMC requirements - part 1: general requirements
EN 61326-2-1	Electrical equipment for measurement, control and laboratory use - EMC requirements - part 2-1: particular requirements - test configurations, operational conditions and performance criteria for sensitive test and measurement equipment for EMC unprotected applications

EN 61326-2-2	Electrical equipment for measurement, control and laboratory use - EMC requirements - part 2-2: particular requirements - test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems
EN 61326-2-3	Electrical equipment for measurement, control and laboratory use - EMC requirements - part 2-3: particular requirements - test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning
EN 61326-2-4	Electrical equipment for measurement, control and laboratory use - EMC requirements - part 2-4: particular requirements - test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9
EN 61326-2-5	Electrical equipment for measurement, control and laboratory use - EMC requirements - part 2-5: particular requirements - test configurations, operational conditions and performance criteria for field devices with interfaces according to IEC 61784-1, cp 3/2
EN 61543	Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic Compatibility
EN 61547	Equipment for general lighting purposes - EMC immunity requirements
EN 61557-12	Electrical safety in low voltage distribution systems up to 1000 v a.c. and 1500 v d.c. - equipment for testing, measuring or monitoring of protective measures - part 12: performance measuring and monitoring devices (PMD)
EN 617	Continuous handling equipment and systems - safety and EMC requirements for the equipment for the storage of bulk materials in silos, bunkers, bins and hoppers
EN 618	Continuous handling equipment and systems - safety and EMC requirements for equipment for mechanical handling of bulk materials except fixed belt conveyors
EN 61800-3	Adjustable speed electrical power drive systems - part 3: EMC requirements and specific test methods
EN 61812-1	Specified time relays for industrial use - part 1: requirements and tests
EN 619	Continuous handling equipment and systems - safety and EMC requirements for equipment for mechanical handling of unit loads
EN 620	Continuous handling equipment and systems - safety and EMC requirements for fixed belt conveyors for bulk materials
EN 62020	Electrical accessories - residual current monitors for household and similar uses (RCMS)
EN 62026-1	Low-voltage switchgear and controlgear - controller-device interfaces (CDIS) - part 1: general rules
EN 62040-2	Uninterruptible Power Systems (UPS) - part 2: Electromagnetic Compatibility (EMC) requirements
EN 62052-11	Electricity metering equipment (AC) - general requirements, tests and test conditions - part 11: metering equipment
EN 62052-21	Electricity metering equipment (AC) - general requirements, tests and test conditions - part 21: tariff and load control equipment
EN 62053-11	Electricity metering equipment (AC) - particular requirements - part 11: electromechanical meters for active energy (classes 0,5, 1 and 2)
EN 62053-21	Electricity metering equipment (AC) - particular requirements - part 21: static meters for active energy (classes 1 and 2)
EN 62053-22	Electricity metering equipment (AC) - particular requirements - part 22: static meters for active energy (classes 0,2 s and 0,5 s)
EN 62053-23	Electricity metering equipment (AC) - particular requirements - part 23: static meters for reactive energy (classes 2 and 3)
EN 62054-11	Electricity metering (AC) - tariff and load control - part 11: particular requirements for electronic ripple control receivers

EN 62054-21	Electricity metering (AC) - tariff and load control - part 21: particular requirements for time switches
EN 62135-2	Resistance welding equipment - part 2: Electromagnetic Compatibility (EMC) requirements
EN ISO 14982	Agricultural and forestry machines - Electromagnetic Compatibility - test methods and acceptance criteria

## 2006/42/EC Direttiva Macchine

Allegato IV, punto 10	Formatrici delle materie plastiche per iniezione o compressione a carico o scarico manuale
Allegato IV, punto 16	Ponti elevatori per veicoli
Allegato IV, punto 17	Apparecchi per il sollevamento di persone o di persone e cose, con pericolo di caduta verticale superiore a 3 metri
Allegato IV, punto 19	Dispositivi di protezione per rilevare la presenza di persone
Allegato IV, punto 21	Blocchi logici per assicurare funzioni di sicurezza
Allegato IV, punto 9	Presse, comprese le piegatrici, per la lavorazione a freddo dei metalli, a carico e/o scarico manuale, i cui elementi mobili di lavoro possono avere una corsa superiore a 6 mm e una velocità superiore a 30 mm/s

## Organismo di ispezione

**Schema di Accreditamento:** ISP (Ispezione)

**Norma:** UNI CEI EN ISO/IEC 17020 Ed. 2005

**Certificato:** N.057E

**Emesso il:** 2010-05-06    **Da:** Accredia

**Valido fino a:** 2014-05-05

Costruzioni edili e delle opere di ingegneria civile in generale e relative opere impiantistiche, opere di presidio e di difesa ambientale e di ingegneria naturalistica.

Per la tipologia ispettiva:

- Ispezione sulla progettazione delle opere (ivi comprese, quando richieste, quelle effettuate ai fini delle verifiche di cui all'art. 112 del Decr. Leg.vo n° 163 del 12.04.06, G.U. del 02.05.06 o ai sensi di altre legislazioni applicabili e successive modifiche);
- Ispezione sulla esecuzione delle opere (a fronte della Norma UNI 10721:1998);
- Servizi di controllo tecnico per le nuove costruzioni, delle leggi applicabili e dei capitolati della committenza);
- Opere impiantistiche industriali;
- Ispezione sulla progettazione delle opere (ivi comprese, quando richieste, quelle effettuate ai fini delle verifiche di cui all'art. 112 del D.Lgs n° 163 del 12.04.06, G.U. del 02.05.06 o ai sensi di altre legislazioni applicabili e successive modifiche);
- Ispezione sulla esecuzione delle opere (a fronte della Norma UNI 10721:1998 - Servizi di controllo tecnico per le nuove costruzioni, delle leggi applicabili e dei capitolati della committenza);
- Prodotti industriali (in accordo alle Direttive UE, Regolamenti nazionali ed internazionali, Norme EN e specifiche dei clienti, applicabili);
- Scambiatori di calore, caldaie e recipienti a pressione (prodotti nuovi ed in uso);

- Getti per fusione statica e dinamica;
- Materiali metallici e non metallici, inclusi i controlli distruttivi;
- Macchine rotanti (prodotti nuovi ed in uso);
- Valvole (prodotti nuovi ed in uso);
- Processi industriali (in accordo alle Direttive UE, Regolamenti nazionali ed internazionali, Norme EN e specifiche dei clienti, applicabili);
- Processi di saldatura;
- Prove non distruttive.

### Organismo di certificazione del personale

**Schema di Accredimento:** Amministratore condominiale e immobiliare ai sensi della norma UNI 10801:1998

**Norma:** UNI CEI EN ISO/IEC 17024:2004

**Certificato:** N.077C

**Emesso il:** 2012-02-20    **Da:** Accredia

**Valido fino a:** 2016-02-19

### Abilitazioni Ministeriali Italiane

DECRETO	DESCRIZIONE
D.M. 14.01.08 p. 11.2.8.	<b>Certificazione del processo di produzione in fabbrica del conglomerato cementizio prodotto con processo industrializzato</b>
DPR 462 22.10.2001	<b>Verifiche periodiche e straordinarie su dispositivi di protezione contro le scariche atmosferiche e di dispositivi di messa a terra di impianti elettrici e di impianti elettrici pericolosi.</b>
	Area 1    Installazione e dispositivi di protezione contro le scariche atmosferiche
	Area 2    Impianti di messa a terra di impianti alimentati fino a 1000 V
	Area 3    Impianti di messa a terra di impianti alimentati con tensione oltre i 1000 V
	Area 4    Impianti elettrici collocati in luoghi di lavoro con pericolo di esplosione

### Ministero dello Sviluppo Economico - Dipartimento Comunicazione

**Norma:** UNI CEI EN ISO/IEC 17025:2005

**Certificato:** N.115

**Emesso il:** 2009-12-17

**Valido fino a:** 2012-12-16

**Norme:**

NORMA	DESCRIZIONE
EN 301 489-01	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 1: common technical requirements
EN 301 489-02	Electromagnetic Compatibility and Radio Spectrum Matters (ERM) Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 2: specific conditions for radio paging equipment

EN 301 489-03	Electromagnetic Compatibility and Radio Spectrum Matters (ERM) Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 3: specific requirements for Short-Range Devices (SRD) operating on frequencies between 9 KHz and 25 GHz
EN 301 489-04	Electromagnetic Compatibility and Radio Spectrum Matters (ERM) Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 4: specific requirements for fixed radio links and ancillary equipment and services
EN 301 489-05	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 5: specific requirements for private land mobile radio (PMR) and ancillary equipment (speech and non-speech)
EN 301 489-06	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 6: specific conditions for digital enhanced cordless telecommunications (DECT) equipment
EN 301 489-07	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 7: specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)
EN 301 489-08	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 8: specific requirements for GSM base stations
EN 301 489-09	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 9: specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring
EN 301 489-10	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 10: specific conditions for first (CT1 and CT1+) and second generation cordless telephone (CT2) equipment
EN 301 489-11	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 11: specific conditions for terrestrial sound broadcasting service transmitters
EN 301 489-12	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 12: specific conditions for very small aperture terminal, satellite interactive earth stations operated in the frequency ranges between 4 GHz and 30 GHz in the fixed satellite service (FSS)
EN 301 489-13	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 13: specific conditions for Citizens' Band (CB) radio and ancillary equipment (speech and non-speech)
EN 301 489-14	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 14: specific conditions for analogue and digital terrestrial tv broadcasting service transmitters
EN 301 489-15	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 15: specific conditions for commercially available amateur radio equipment
EN 301 489-16	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 16: specific conditions for analogue cellular radio communications equipment, mobile and portable
EN 301 489-17	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; part 17: specific conditions for 2,4 GHz wideband transmission systems, 5 GHz high performance RLAN equipment and 5,8 GHz broadband data transmitting systems
EN 301 489-18	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 18: specific requirements for terrestrial trunked radio (tetra) equipment

EN 301 489-19	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for 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
EN 301 489-20	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 20: specific conditions for Mobile Earth Stations (MES) used in the mobile satellite services (MSS)
EN 301 489-22	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 22: specific conditions for ground based vhf aeronautical mobile and fixed radio equipment
EN 301 489-23	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 23: specific conditions for imt-2000 CDMA direct spread (UTRA) base station (BS) radio, repeater and ancillary equipment
EN 301 489-24	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 24: specific conditions for imt-2000 CDMA direct spread (UTRA) for mobile and portable (UE) radio and ancillary equipment
EN 301 489-25	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 25: specific conditions for CDMA 1x spread spectrum mobile stations and ancillary equipment
EN 301 489-26	Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; part 26: specific conditions for CDMA 1x spread spectrum base stations, repeaters and ancillary equipment

## Laboratorio di prova accreditato

**Schema di Accredimento:** Laboratori di prova

**Norma:** UNI CEI EN ISO/IEC 17025:2005

**Certificato:** N.0076

**Emesso il:** 2006-10-20    **Da:** Accredia

**Valido fino a:** 2014-10-18

**Norme:**

### Prove di Compatibilità Elettromagnetica:

NORMA	DENOMINAZIONE PROVA E CAMPO DI MISURA	MATERIALE / PRODOTTO / MATRICE
FCC parte 15 sez 15.107 2008	misura dei disturbi condotti ai morsetti di alimentazione (0,15-30 MHz)	Apparati digitali
FCC parte 15 sez 15.109 2008	misura dei disturbi irradiati (30 - 1000 MHz)	Apparati digitali
CISPR 11: 2009+A1:2010, CEI 110-6: 2011, CEI EN 55011: 2011	misura dei disturbi condotti ai morsetti di alimentazione (0,15 - 30 MHz)	Prodotti industriali, scientifici e medicali
CISPR 11: 2009+A1:2010, CEI 110-6: 2011, CEI EN 55011: 2011	misura dei disturbi irradiati (30 - 1000 MHz)	Prodotti industriali, scientifici e medicali

CISPR 14-1:2005+A1:2008, CEI 110-1: 2008, CEI EN 55014-1: 2008+A1:2010	misura dei disturbi condotti ai morsetti di alimentazione (0,15-30 MHz)	Apparecchi elettrodomestici o similari
CISPR 14-1:2005+A1:2008, CEI 110-1: 2008, CEI EN 55014-1: 2008+A1:2010	misura della potenza di disturbo (30-300 MHz)	Apparecchi elettrodomestici o similari
CISPR 14-1:2005+A1:2008, CEI 110-1: 2008, CEI EN 55014-1: 2008+A1:2010	misura dei disturbi irradiati (30 - 1000 MHz)	Apparecchi elettrodomestici o similari
CISPR 22: 2005, CISPR 22/ A1:2005, CEI 110-5: 2009, CEI EN 55022: 2009	misura dei disturbi condotti ai morsetti di alimentazione (0,15 - 30 MHz)	Prodotti per la tecnologia dell'informazione
CISPR 22: 2005, CISPR 22/ A1:2005, CEI 110-5: 2009, CEI EN 55022: 2009	misura dei disturbi condotti alle porte di telecomunicazione (0,15 - 30 MHz)	Prodotti per la tecnologia dell'informazione
CISPR 22: 2005, CISPR 22/ A1:2005, CEI 110-5: 2009, CEI EN 55022: 2009	misura dei disturbi irradiati (30 - 6000 MHz)	Prodotti per la tecnologia dell'informazione
CEI EN 61000-3-2/A2:2011	Misura delle emissioni di corrente armonica (fino a 40 KHz)	Elettrodomestici similari, prodotti ed apparecchiature per la tecnologia dell'informazione e per l'ufficio, apparecchiature elettriche ed elettroniche, apparecchi industriali - scientifici e medicali, prodotti ed apparecchiature di tipo civile ed industriale, apparecchiature da collegare a reti di TLC.
CEI EN 61000-3-3: 2009	Misura delle variazioni di tensioni, fluttuazioni di tensione e del flicker	Elettrodomestici similari, prodotti ed apparecchiature per la tecnologia dell'informazione e per l'ufficio, apparecchiature elettriche ed elettroniche, apparecchi industriali - scientifici e medicali, prodotti ed apparecchiature di tipo civile ed industriale, apparecchiature da collegare a reti di TLC.
CEI EN 61000-4-2: 2011	Prove d'immunità a scariche di elettricità statica (fino a 20 KV)	Elettrodomestici similari, prodotti ed apparecchiature per la tecnologia dell'informazione e per l'ufficio, apparecchiature elettriche ed elettroniche, apparecchi industriali - scientifici e medicali, prodotti ed apparecchiature di tipo civile ed industriale, apparecchiature da collegare a reti di TLC.
CEI EN 61000-4-3: 2007, CEI EN 61000-4-3/A1: 2009, CEI EN 61000-4-3/A2: 2011	Prova d'immunità ai campi elettromagnetici a radiofrequenza irradiati (fino a 10 V/m)	Elettrodomestici similari, prodotti ed apparecchiature per la tecnologia dell'informazione e per l'ufficio, apparecchiature elettriche ed elettroniche, apparecchi industriali - scientifici e medicali, prodotti ed apparecchiature di tipo civile ed industriale, apparecchiature da collegare a reti di TLC.
CEI EN 61000-4-4: 2006, CEI EN 61000-4-4/EC: 2008, CEI EN 61000-4-4/A1: 2010	Prova d'immunità a transitori di impulsi elettrici veloci (fino a 2 KV)	Elettrodomestici similari, prodotti ed apparecchiature per la tecnologia dell'informazione e per l'ufficio, apparecchiature elettriche ed elettroniche, apparecchi industriali - scientifici e medicali, prodotti ed apparecchiature di tipo civile ed industriale, apparecchiature da collegare a reti di TLC.
CEI EN 61000-4-5: 2007	Prova d'immunità ad impulso (fino a 2 KV)	Elettrodomestici similari, prodotti ed apparecchiature per la tecnologia dell'informazione e per l'ufficio, apparecchiature elettriche ed elettroniche, apparecchi industriali - scientifici e medicali, prodotti ed apparecchiature di tipo civile ed industriale, apparecchiature da collegare a reti di TLC.

CEI EN 61000-4-6: 2011	Prove d'immunità ai disturbi condotti indotti da campi a radiofrequenza (fino a 10 V)	Elettrodomestici simili, prodotti ed apparecchiature per la tecnologia dell'informazione e per l'ufficio, apparecchiature elettriche ed elettroniche, apparecchi industriali - scientifici e medicali, prodotti ed apparecchiature di tipo civile ed industriale, apparecchiature da collegare a reti di TLC.
CEI EN 61000-4-8 1997 CEI EN 61000-4-8/A1:2001	Prova d'immunità a campi magnetici a frequenza di rete (fino a 30 A/m)	Elettrodomestici simili, prodotti ed apparecchiature per la tecnologia dell'informazione e per l'ufficio, apparecchiature elettriche ed elettroniche, apparecchi industriali - scientifici e medicali, prodotti ed apparecchiature di tipo civile ed industriale, apparecchiature da collegare a reti di TLC.
CEI EN 61000-4-11:2006	Prove d'immunità ai disturbi prodotti dalle linee di alimentazione: buche di tensione, brevi interruzioni e variazioni di tensione	Elettrodomestici simili, prodotti ed apparecchiature per la tecnologia dell'informazione e per l'ufficio, apparecchiature elettriche ed elettroniche, apparecchi industriali - scientifici e medicali, prodotti ed apparecchiature di tipo civile ed industriale, apparecchiature da collegare a reti di TLC
CEI EN 61000-4-12: 2007	Prova d'immunità a onde oscillatorie (fino a 4 kV)	Prodotti industriali
CEI EN 61000-4-18: 2007+A1:2011	Prova d'immunità alle onde oscillatorie smorzate (fino a 4 kV)	Prodotti industriali

### Prove Meccaniche

UNI EN 131-2:2010 paragrafo 5.2	Prove di resistenza della scala: misura della deformazione permanente	Scale e Sgabelli
UNI EN 131-2:2010 paragrafo 5.3	Prova di flessione della scala: misura della deflessione	Scale e Sgabelli
UNI EN 131-2:2010 paragrafo 5.4	Prova di flessione laterale della scala: misura della deflessione	Scale e Sgabelli
UNI EN 131-2:2010 paragrafo 5.6	Prova di flessione dei pioli/gradini/piattaforma: misura della deformazione permanente	Scale e Sgabelli
UNI EN 1335-3:2009 paragrafo 7.2.1	Prova di carico statico frontale sulla seduta	Sedie da ufficio
UNI EN 1335-3:2009 paragrafo 7.2.2	Prova di carico statico combinata su seduta e schienale	Sedie da ufficio
UNI EN 1335-3:2009 paragrafo 7.3.1	Durabilità della seduta e dello schienale	Sedie da ufficio

### Prove di vibrazione e urti

CEI EN 60068-2-6: 2008	Prova di vibrazioni sinusoidali (10÷2000 Hz 5÷500 m/s <sup>2</sup> )	Prodotti elettrici ed elettronici
CEI EN 60068-2-27: 2012	Prova di resistenza agli urti (50÷100 m/s <sup>2</sup> 6÷18 ms da calcolo)	Prodotti elettrici ed elettronici

### Prove di sicurezza elettrica

CEI EN 60335-1/A14:2010 art. 10	Potenza e corrente assorbita (0÷5kW)	Elettrodomestici
CEI EN 60335-1/A14:2010 art. 29	Distanze d'isolamento (0,1 mm ÷ 15 cm)	Elettrodomestici
CEI EN 60950-1/A12:2011 art 1.6	Corrente assorbita (0÷20 IAC - 0÷2 IDC)	Apparecchiature per tecnologia dell'informazione
CEI EN 60112/A1:2009	Indice di resistenza (CTI) e di tenuta alla traccia in condizioni umide (0 ÷ 600V rms)	Materiali Solidi Isolanti

### Prove Ambientali

IEC 60068-2-1:2007 Test Ab	Prova di freddo (-40°C ÷ +5°C; per campioni che non dissipano calore con cambiamento graduale della temperatura)	Prodotti elettrici ed elettronici
IEC 60068-2-2:2007 Test Bb	Prova di caldo secco (+30°C ÷ +180°C); per campioni che non dissipano calore con cambiamento graduale della temperatura)	Prodotti elettrici ed elettronici
IEC 60068-2-14:2009 Test Nb	Prova di cambi di temperatura (-40°C ÷ +180°C; cambio di temperatura con una velocità di variazione specificata)	Prodotti elettrici ed elettronici
IEC 60068-2-30:2005 Test Db variante 2	Prova di caldo umido ciclico	Prodotti elettrici ed elettronici
CEI EN 60068-2-78:2002 Test Cab	Prova di caldo umido costante	Prodotti elettrici ed elettronici
IEC 60068-2-38:2009 Test Z/AD	Prova ciclica combinata Temperatura/Umidità	Prodotti elettrici ed elettronici
CEI EN 60068-2-11:2000 Test Ka	Prova di nebbia salina	Prodotti elettrici ed elettronici
CEI EN 60068-2-52:1997 Test Kb	Prova di nebbia salina ciclica	Prodotti elettrici ed elettronici

### Prove non in regime di accreditamento

UNI 11313:2009 paragrafo 6.1.1	Prova di resistenza a trazione (nessuna limitazione)	Dispositivi supplementari di aderenza per pneumatici di autoveicoli di categoria M1, N1, O1, O2
UNI 11313:2009 paragrafo 6.2.2	Prova di sollevamento dinamico (nessuna limitazione)	Dispositivi supplementari di aderenza per pneumatici di autoveicoli di categoria M1, N1, O1, O2

UNI 11313:2009 paragrafo 6.2.3	Prova di massima sollecitazione (nessuna limitazione)	Dispositivi supplementari di aderenza per pneumatici di autoveicoli di categoria M1, N1, O1, O2
UNI 11313:2009 paragrafo 6.2.6	Prove di comparazione su fondo stradale ghiacciato (nessuna limitazione)	Dispositivi supplementari di aderenza per pneumatici di autoveicoli di categoria M1, N1, O1, O2
UNI 11313:2009 paragrafo 6.2.7	Prove di comparazione su fondo stradale innevato (nessuna limitazione)	Dispositivi supplementari di aderenza per pneumatici di autoveicoli di categoria M1, N1, O1, O2

## Riconoscimenti Internazionali

### Accreditamento IECEE (*Worldwide System for Conformity Testing and Certification of Electrotechnical Equipment and Components*)

**Norma:** ISO/IEC 17025:2005

**Certificato:** TL 121

**Emesso il:** 2011-01-18

**Valido fino a:** 2013-06-08

**Settori:** EMC, Apparecchiature per la tecnologia dell'informazione, Elettrodomestici e similari, Dispositivi da laboratorio e strumenti di misura

### Riconoscimento FCC (*Federal Communications Commission - USA*)

**Norma:** ISO/IEC 17025:2005

**Certificato:** N.90860

**Emesso il:** 2003-05-16

**Valido fino a:** 2015-04-20

**Settori:** EMC

### Riconoscimento SASO (*Saudi Arabian Standards Organization - Arabia Saudita*)

**Certificato:** N.A.

**Emesso il:** 2002-05-01

**Settori:** Sicurezza elettrica

### Riconoscimento VCA (*Vehicle Certification Agency - Regno Unito*)

**Norma:** ISO/IEC 17025:2005

**Certificato:** N.A.

**Emesso il:** 2009-09

**Settori:** EMC

TÜV Italia, oltre ad operare con accreditamenti e notifiche detenuti direttamente, offre numerosi servizi sotto accreditamento della nostra casa madre o di altre filiali del gruppo.