ExMC/964/DV
November 2014

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC SYSTEM FOR CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR USE IN EXPLOSIVE ATMOSPHERES (IECEx SYSTEM)

TITLE: IECEx Assessment Report for an extension of scope for Eurofins Tech S.r.l an existing Accepted Ex Certification Body, ExCB, and an Accepted Ex Test Laboratory, ExTL, to include IEC 60079-11 and IEC 60079-18, within their scope.

INTRODUCTION

This document contains the IECEx Assessment Report for Eurofins Tech S.r.l an existing Accepted Ex Certification Body (ExCB) and an Accepted Ex Test Laboratory ExTL, to include IEC 60079-11 and IEC 60079-18 within their scope.

The report of the special assessment to address the scope extension to include-

IEC 60079-11 ed. 6.0 Explosive atmospheres –
Part 11: Equipment protection by intrinsic safety "i" and

IEC 60079-18 ed.3 Explosive atmospheres –
Part 18: Equipment protection by encapsulation “m”

It is now hereby submitted for voting by the ExMC.

Please consider the assessment report and return the completed voting form, separate Word document, to the Secretariat by **2014 12 05**

Your speedy response to the voting process will be very much appreciated.

Chris Agius

IECEx Secretariat

Address:	**Contact Details:**
Level 33, Australia Square	**Tel: +61 2 46 28 4690**
264 George Street	**Fax: +61 2 46 27 5285**
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Australia	**http://www.iecex.com**

IEC System for certification to standards relating to equipment for use in Explosive Atmospheres (IECEx System)

IECEx Assessment Report Form

IECEx Assessment Report Form for use by IECEx Assessment Teams to report Assessments conducted according to the IECEx Assessment Procedures of

a) Operational Document IECEx OD 003-2 for the Certified Equipment Scheme
b) Operational Document IECEx OD 016 for the Certified Service Facility Scheme
c) Operational Document IECEx OD 022 for the IECEx Conformity Mark Licensing System

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IECEx ExCB/ExTL assessment report for Eurofins Tech S.r.l.

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

CONTENTS

(Update when report is complete – by right click, Update field, Update entire table)

1 Assessment information

1.1 Type of Body covered by this assessment:

ExCB for IECEx Certified Equipment Scheme	✓
ExTL for IECEx Certified Equipment Scheme	✓
ExCB for IECEx Certified Service Facilities Scheme	
ExCB for IECEx Conformity Mark Licensing System	

NOTE 1 ExCB - IECEx Certification Body

NOTE 2 ExTL - IECEx Testing Laboratory

1.2 Type of assessment:

Pre-assessment for candidate body	
Initial assessment for candidate body	
Surveillance	
Re-assessment	
Scope extension	✓

1.3 Details of body

1.3.1 Country

Italy

1.3.2 Name of body

Eurofins Tech S.r.l.

1.3.3 Name and title of nominated principal contact

Name	Title	E-mail address
Claudio Catti	Managing Director	claudiocatti@eurofins.com

1.4 Assessment information

1.4.1 Members of the assessment team

Name	Role (modify as necessary)
Ron Webb	IECEx Lead Assessor

1.4.2 Place(s) of assessment

Via Cuorgné, 21
10156, Torino
Italy

1.4.3 Assessment date(s)

3 October 2014

1.5 Scopes

1.5.1 ExCB scope for equipment certification scheme

Items below greyed out are already in scope. Other standards are for scope extension.

Number	Title
IEC 60079-0 Edition 6	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-1 Edition 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures “d”

IEC 60079-11 Edition 6	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-18 Edition 3	Explosive atmospheres - Part 18 : Equipment protection by encapsulation "m"
IEC 60079-31 Edition 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"

NOTE 1 Standards shown with an asterisk (*) are superseded standards

NOTE 2 Unless otherwise indicated, earlier editions of standards (even if with a different number) are considered to be covered in the above scope for the purposes of the assessment.

NOTE 3 The above list highlights any extension of scope in the list above for new standards or later editions of standards already in scope.

1.5.2 ExTL scope

The ExTL scope is the same as for the ExCB.

Common information

1.6 Legal entity of body

Not relevant as this is a scope extension assessment

1.7 Financial support

Not relevant as this is a scope extension assessment

1.8 History

Not relevant as this is a scope extension assessment.

Documentation

1.8.1 Quality manual

Not relevant as this is a scope extension assessment

1.8.2 Procedures

Confirmed procedures have been extended to cover additional standards included in 1.5.1

1.8.3 Work instructions

Confirmed Work Instructions have been extended to cover additional standards included in 1.5.1

1.8.4 Records (including test records where relevant)

This was previously covered during the site assessment conducted in August 2013 and was included in ExMC/906/DV.

1.8.5 Document change control

This was previously covered during the site assessment conducted in August 2013 and was included in ExMC/906/DV.

1.9 Confidentiality

This was previously covered during the site assessment conducted in August 2013 and was included in ExMC/906/DV.

1.10 Publications (Hard cover and Electronic)

Not relevant as this is a scope extension assessment

1.11 Recognition and agreements

This was previously covered during the site assessment conducted in August 2013 and was included in ExMC/906/DV.

1.12 Internal audit and periodic management review

This was previously covered during the site assessment conducted in August 2013 and was included in ExMC/906/DV.

1.13 Contracting, subcontracting, use of other labs and use of other locations

It was confirmed that subcontracting for IEC 60079-11 and IEC 60079-18 is not required

1.14 Training and competence

There is an annual training plan which has been expanded to include IEC 60079-11 and IEC 60079-18

There is a competency matrix for the IECEx Scheme which results from Procedure M1.OPE.02.03. There is a specific 'live' document that is updated as and when necessary.

This document was viewed and persons with relevant competencies for Ex i and Ex m were shown

1.15 Complaints and appeals (including appeals to IECEx)

This was previously covered during the site assessment conducted in August 2013 and was included in ExMC/906/DV.

1.16 Special facts to be noted

1.16.1 Supporting documentation

Information concerning the site visit is included in a Site Assessment Report from this visit which is held by the Secretariat. Further information is held in a Site Assessment Report from the initial assessment carried out during the period 21 to 23 August 2013. During that visit the intrinsic safety and encapsulation concepts were assessed but not included in the final report, pending further training which has now been completed

1.16.2 Tests Witnessed

Tests witnessed in connection with IEC 60079-11 and IEC 60079-18 are as follows

Spark ignition tests
Surface resistance test
Battery short circuit tests
Charging tests on plastics material
Pressure tests on void volume in encapsulated equipment

1.17 Recommendations

Based on the assessment performed on 3 October 2014, Eurofins Tech S.r.l. is recommended for scope extension for IEC 60079-11: 2011 and IEC 60079-18: 2009:

This is according to the scope of the standards listed in this document.

Ron Webb	
Lead Assessor	

Date: 3 October 2014

2 ExCB for IECEx Certified Equipment Scheme

2.1 Assessment references

a) IECEx02 IECEx Certified Equipment Scheme covering equipment for use in explosive atmospheres – Rules of Procedure

a) OD003-2 Assessment, surveillance assessment and re-assessment of ExCBs and ExTLs operating in the IECEx 02, IECEx Certified Equipment Scheme

b) OD005-1 IECEx Quality System Requirements for Manufacturers – Part 1: Guidance on the establishment and maintenance of a quality system

c) OD005-2 IECEx Quality System Requirements for Manufacturers – Part 2: Audit Checklist. (This is available in a Word format for use by ExCBs)

d) ISO/IEC 80079-34 Edition 1, Explosive atmospheres – Part 34: Application of quality systems for equipment manufacture

e) OD009 Issuing of CoCs, ExTRs and QARs

f) IECEx Document OD 025 Guidelines on the Management of Assessment and Surveillance programs for the assessment of Manufacturer's Quality Systems in accordance with the IECEx Scheme

g) OD0026 IECEx Certified Equipment Scheme – Guidelines for the qualification of Lead Auditor and Auditors, in accordance with the IECEx System

h) ISO/IEC Guide 65:1996, Edition 1, General requirements for bodies operating product certification systems

i) IECEx Document OD17 Drawing and documentation guidance

j) IECEx Technical Capability Document (TCD)

k) ExTAG decision sheets (DSs)

NOTE The latest editions of the above documents were applied

2.2 Candidate ExCB persons interviewed

Name	Position
Claudio Catti	Managing Director
Dionisio Bucchieri	Technical responsible IECEx
Paolo Dentis	Technical director and QA representative
Claudio Massa	Technician IECEx
Claudio Cafaro	Technician IECEx laboratory

2.3 Associated ExTL(s)

The ExTL is integral with the ExCB

2.4 Associated certification functions

Not relevant as this is a scope extension assessment

2.5 Standards accepted

See clause 1.5 of this report

2.6 National differences to IEC standards

National differences to IEC standards are those for the European differences listed in the latest version of the IECEx Scheme Bulletin.

2.7 Organisation

2.7.1 Names, titles and experience of the senior executives

Name	Title	Experience
Claudio Catti	Managing Director	None relevant to Ex

2.7.2 Name, title and experience of the quality management representative

Name	Title	Experience
Paolo Dentis	Technical director and QA representative	9 years in Ex

2.7.3 Name and title of signatories for certification

Name	Title	Comments
Paolo Dentis	Technical director and QA representative	9 years in Ex
Dionisio Bucchieri	Technical responsible IECEx	12 years in Ex

2.7.4 Other employees in ExCB activity

Name	Title	Responsibility and Experience in Ex
Claudio Massa	Technician IECEx	4 years in Ex
Claudio Cafaro	Technician IECEx laboratory	4 years in Ex
Paolo Iavagnilio	Technician IECEx	7 years in Ex
Enrico Martino	Technician IECEx laboratory	2 years in Ex

2.8 Organizational structure

This was previously covered during the site assessment conducted in August 2013 and was included in ExMC/906/DV. No changes have been made

2.9 Administration

2.9.1 Administrative structure

The operation is supported by appropriate administrative staff and support systems,

2.9.2 Indemnity insurance

Not relevant as this is a scope extension assessment

2.10 Resources

The operation is well resourced with appropriate facilities, procedures and experienced staff to cover the scope extension

2.11 Committees (such as governing or advisory boards)

Not relevant as this is a scope extension assessment.

2.12 Certification operations

2.12.1 National approval/certification methods

In the Ex field Eurofins Tech S.r.l. operates as a notified body for ATEX.

2.12.2 Certification policy

Not relevant as this is a scope extension assessment

2.12.3 Application for certification

Not relevant as this is a scope extension assessment

2.12.4 Certification decision

There is an appropriate system in place to make the certification decision.

2.12.5 Suspension and cancellation of certificates

Not relevant as this is a scope extension assessment

2.13 Certificates issued

Number of certificates issued under for the preceding four years for each type of protection.

Standard numbers	Type of protection or other identifying information	Number of issued certificates (for last 4 years)			
		2011	2012	2013	2014
EN 60079-0	General requirements	12	17	6	11
EN 60079-1	Ex d	9	8	1	5
EN 60079-11	Ex i	2	7	5	2
EN 60079-18	Ex m	1	0	0	1
EN 60079-31	Ex t	1	10	1	4

2.14 National accreditation

Eurofins Tech S.r.l. holds accreditation from ACCREDIA to EN 45011, certificate number 119B (see Annex A). The scope includes 'Equipment and protective systems for use in potentially explosive atmospheres'. The date of issue is 20.6.2012 with expiry on 19.6.2016.

The assessment for ISO/IEC 17065 was carried out by Accredia on 17 July 2014. The committee decision for acceptance is due 7 October 2014

2.15 Assessment of manufacturers and issue of QARs

Not relevant as this is a scope extension assessment.

2.16 Comments (including issues found during assessment)

The site assessment conducted on 3rd October 2014 revealed that Eurofins have the necessary competence, equipment and facilities to enable test and certification according to IECEx rules covering IEC 60079-11 and 60079-18

3 ExTL for IECEx Certified Equipment Scheme

3.1 Assessment references

l) IECEx02 IECEx Certified Equipment Scheme covering equipment for use in explosive atmospheres – Rules of Procedure

m) IECEx OD003-2 Assessment, surveillance assessment and re-assessment of ExCBs and ExTLs operating in the IECEx 02, IECEx Certified Equipment Scheme

n) IECEx OD009 Issuing of CoCs, ExTRs and QARs

o) ISO/IEC 17025:2005 Edition 2, General requirements for the competence of testing and calibration laboratories

p) IECEx Document OD17 Drawing and documentation guidance

q) IECEx Technical Capability Document (TCD)

r) ExTAG decision sheets (DSs)

NOTE The latest editions of the above documents were applied.

3.2 Candidate ExTL persons interviewed

Name	Position
Paolo Dentis	Technical director and QA representative
Dionisio Bucchieri	Technical responsible IECEx
Claudio Massa	Technician IECEx
Claudio Cafaro	Technician IECEx laboratory

3.3 Associated ExCB(s)

The ExCB is integral with the ExTL.

3.4 Organisation

3.4.1 Names, titles and experience of the senior executives

Name	Title	Experience
Claudio Catti	Managing Director	None relevant to Ex

3.4.2 Name, title and experience of the quality management representative

Name	Title	Experience
Paolo Dentis	Technical director and QA representative	9 years in Ex

3.4.3 Other employees in ExTL activity

Name	Title/responsibility	Experience in Ex
Claudio Massa	Technician IECEx	4 years in Ex
Claudio Cafaro	Technician IECEx laboratory	4 years in Ex
Enrico Martino	Technician IECEx laboratory	2 years in Ex
Zhiqiang Huo	Technician IECEx, located in Shanghai office	10 years in Ex

3.5 Organizational structure

This was previously covered during the site assessment conducted in August 2013 and was included in ExMC/906/DV. No changes have been made

3.6 Resources

The operation is well resourced with appropriate facilities, test equipment, procedures and experienced staff to cover the scope extension

3.7 Test reports issued

Number of test reports (ExTRs) issued under for the preceding four years for each type of protection.

Standard numbers	Type of protection or other identifying information	Number of issued reports (ExTRs) (for last 4 years)			
		2011	2012	2013	2014
EN 60079-0	General requirements	12	17	6	11
EN 60079-1	Ex d	9	8	1	5
EN 60079-11	Ex i	2	7	5	2
EN 60079-18	Ex m	1	0	0	1
EN 60079-31	Ex t	1	10	1	4

3.8 National accreditation

Eurofins Tech S.r.l. holds accreditation from ACCREDIA to IEC 17025 no. 0085, Rev 26 dated 18.9.2014 which covers the following standards:
IEC 60079-0, IEC 60079-1, IEC 60079-11, IEC 60079-18 and IEC 60079-31

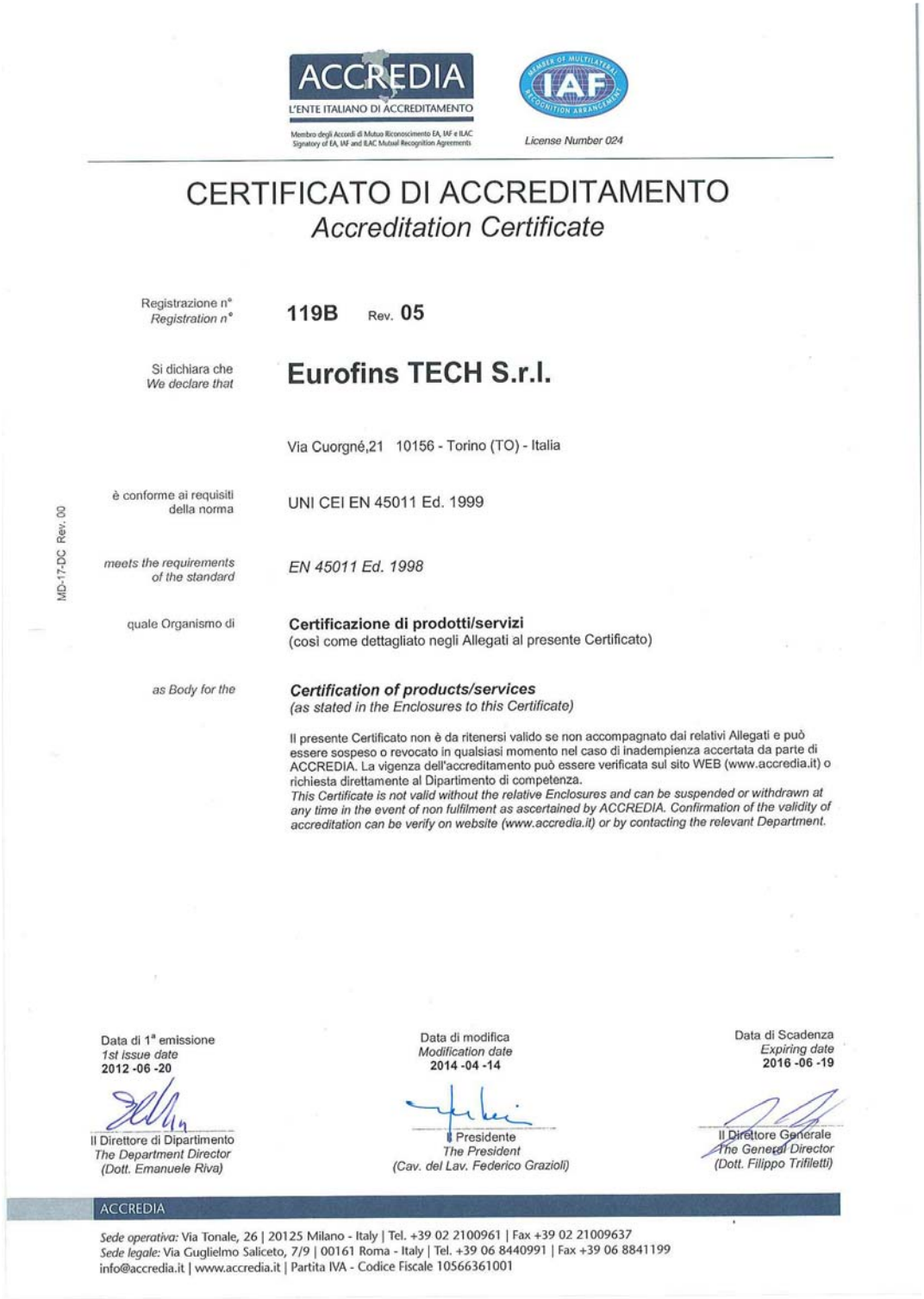
3.9 Calibration

Procedure LM.mdq.2002.22 Section 5.5 covers all laboratory equipment. All external calibrations are carried out by ACCREDIA certified labs or ILAC equivalent Comments

3.10 Comments (including issues found during assessment)

The site assessment conducted on 3rd October 2014 revealed that Eurofins have the necessary competence, equipment and facilities to enable test and certification according to IECEx rules covering IEC 60079-11 and 60079-18

ANNEX A Accreditation Certificate for Product Certification



ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

License Number 024

CERTIFICATO DI ACCREDITAMENTO
Accreditation Certificate

Registrazione n°
Registration n° **119B** Rev. **05**

Si dichiara che
We declare that **Eurofins TECH S.r.l.**

Via Cuorgné,21 10156 - Torino (TO) - Italia

è conforme ai requisiti della norma: UNI CEI EN 45011 Ed. 1999

meets the requirements of the standard: *EN 45011 Ed. 1998*

quale Organismo di: **Certificazione di prodotti/servizi**
(così come dettagliato negli Allegati al presente Certificato)

as Body for the: ***Certification of products/services***
(as stated in the Enclosures to this Certificate)

Il presente Certificato non è da ritenersi valido se non accompagnato dai relativi Allegati e può essere sospeso o revocato in qualsiasi momento nel caso di inadempienza accertata da parte di ACCREDIA. La vigenza dell'accreditamento può essere verificata sul sito WEB (www.accredia.it) o richiesta direttamente al Dipartimento di competenza.
This Certificate is not valid without the relative Enclosures and can be suspended or withdrawn at any time in the event of non fulfilment as ascertained by ACCREDIA. Confirmation of the validity of accreditation can be verify on website (www.accredia.it) or by contacting the relevant Department.

MD-17-DC Rev. 00

Data di 1ª emissione
1st issue date
2012 -06 -20
Il Direttore di Dipartimento
The Department Director
(Dott. Emanuele Riva)

Data di modifica
Modification date
2014 -04 -14
Il Presidente
The President
(Cav. del Lav. Federico Grazioli)

Data di Scadenza
Expiring date
2016 -06 -19
Il Direttore Generale
The General Director
(Dott. Filippo Trifiletti)

ACCREDIA

Sede operativa: Via Tonale, 26 | 20125 Milano - Italy | Tel. +39 02 2100961 | Fax +39 02 21009637
Sede legale: Via Guglielmo Saliceto, 7/9 | 00161 Roma - Italy | Tel. +39 06 8440991 | Fax +39 06 8841199
info@accredia.it | www.accredia.it | Partita IVA - Codice Fiscale 10566361001

ACCREDIA
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Signatory of EA, IAF and ILAC Mutual Recognition Agreements

License Number 024

Allegato 1 al Certificato di accreditamento n° 119B Rev. 05
Enclosure 1 to the accreditation Certificate n° 119B Rev. 05

rilasciato a / *issued to:* **Eurofins TECH S.r.l.**

Certificazione di prodotti nei seguenti schemi/settori:

Direttiva 95/16/CE Ascensori (vedere l'Allegato 2 del Certificato)
Direttiva 94/9/EC ATEX - Apparecchi e sistemi di protezione destinati ad essere utilizzati in atmosfera potenzialmente esplosiva (vedere l'Allegato 2 del Certificato)
Direttiva 2006/42/CE - Macchine (vedere l'Allegato 2 del Certificato)
Direttiva 97/23/CE PED - Apparecchiature in pressione (vedere l'Allegato 2 del Certificato)
Direttiva 89/686/CEE DPI - (vedere l'Allegato 2 del Certificato)
Direttiva 2004/108/CE EMC (vedere l'Allegato 2 del Certificato)
Direttiva 2006/95/CE Bassa Tensione (vedere l'Allegato 2 del Certificato)
Direttiva 1999/5/CE RTTE (vedere l'Allegato 2 del Certificato)
Direttiva 2000/14/CE Rumore (vedere l'Allegato 2 del Certificato)

Certification of products within the following sectors:

Directive 95/16/EC Lifts (see Enclosure 2 of the Certificate)
Directive 94/9/EC ATEX - Equipment and protective systems intended for use in potentially explosive atmospheres (see Enclosure 2 of the Certificate)
Directive 2006/42/EC - Machinery (see Enclosure 2 of the Certificate)
Directive 97/23/EC PED - Pressure equipment (see Enclosure 2 of the Certificate)
Directive 89/686/EEC Personal protective equipment (see Enclosure 2 of the Certificate)
Directive 2004/108/EC EMC (see Enclosure 2 of the Certificate)
Directive 2006/95/EC LVD (see Enclosure 2 of the Certificate)
Directive 1999/5/EC RTTE (see Enclosure 2 of the Certificate)
Directive 2000/14/EC Noise emission in the environment by equipment for use outdoors (see Enclosure 2 of the Certificate)

L'accreditamento per i settori elencati nel presente Allegato è valido fino a tutto il 2016 -06 -19
The accreditation for the sectors listed in this Enclosure is valid until 2016 -06 -19

Il Direttore di Dipartimento
The Department Director
(Dott. Emanuele Riva)

Il Presidente
The President
(Cav. del Lav. Federico Grazioli)

Il Direttore Generale
The General Director
(Dott. Filippo Trifiletti)

Milano, 2014 -04 -14

ACCREDIA
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info@accredia.it | www.accredia.it | Partita IVA - Codice Fiscale 10566361001

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Signatory of EA, IAF and ILAC Mutual Recognition Agreements

License Number 024

Allegato 2 al Certificato di accreditamento n° 119B Rev. 05
Enclosure 2 to the accreditation Certificate n° 119B Rev. 05

rilasciato a / *issued to:* **Eurofins TECH S.r.l.**

Aggiornato in data: 2014 -04 -14

Direttiva 95/16/CE Ascensori
Prodotto: ascensori e componenti di sicurezza
Moduli di Valutazione della Conformità: B (Allegato Va e Vb) – Esame Finale (Allegato VI) – C (Allegato XI) – G (Allegato X) – E (Allegato VIII) – H (Allegato IX) – E (Allegato XII) – H (Allegato XIII) – D (Allegato XIV) - Verifiche Periodiche e Straordinarie in conformità a quanto previsto dagli articoli 13 e 14 del DPR 162/99.

Direttiva 94/9/CE ATEX - Apparecchi e sistemi di protezione destinati ad essere utilizzati in atmosfera potenzialmente esplosiva
Prodotti: Gruppi di Apparecchi I Categoria M1 e M2 (Gas e polveri): Apparecchi elettrici e non elettrici - Apparecchi non elettrici – componenti – Dispositivi di controllo e regolazione.
Moduli di Valutazione della Conformità: B (Allegato III) – D (Allegato IV) – F (Allegato V) – C1 (Allegato VI) – E (Allegato VII) – A (Allegato VIII) – G (Allegato IX).
Prodotti: Gruppo di apparecchi II, Categoria 1 (Gas e polveri)
Apparecchi elettrici (tutti i modi di protezione); Componenti; Dispositivi di sicurezza, di controllo e di regolazione.
Moduli di Valutazione della Conformità: Allegato III – Esame CE di Tipo; Allegato IV – Garanzia qualità della produzione; Allegato V – Verifica su prodotto; Allegato IX – Verifica su unico prodotto.
Prodotti: Gruppo di apparecchi II, Categorie 2 e 3 (Gas e polveri)
Apparecchi elettrici (tutti i modi di protezione); Apparecchi non elettrici; Dispositivi di sicurezza, di controllo e di regolazione.
Moduli di Valutazione della Conformità: Allegato III – Esame CE di Tipo; Allegato VI – Conformità al tipo; Allegato VII – Garanzia qualità prodotti; Allegato VIII – Controllo di fabbricazione interno/ricevimento Fascicolo Tecnico; Allegato IX – Verifica su unico prodotto.

Direttiva 2006/42/CE Macchine
Prodotti: Tutte le macchine di cui all'Allegato IV.
Moduli di Valutazione della Conformità: B (Allegato IX) – H (Allegato X).

Direttiva 97/23/CE PED
Prodotti: Recipienti, tubazioni, accessori di sicurezza - accessori a pressione – attrezzature a focolare - Insiemi (Categorie II – III – IV).
Approvazione delle modalità operative e del personale addetto all'esecuzione di giunzioni permanenti.
Moduli di Valutazione della Conformità: A1 – B1 – B – C1 – D1 – D – E – E1 – F – G – H1 – H – Approvazione delle modalità operative e del personale addetto all'esecuzione di giunzioni permanenti Allegato I punto 3.1.2

Direttiva 89/686/CEE DPI
Prodotti:
Dispositivi di Protezione del capo (caschi).
Dispositivi di Protezione auricolare (cuffie antirumore anche montate su elmetti e inserti auricolari).
Dispositivi di Protezione delle vie respiratorie (autorespiratori).
Dispositivi di Protezione contro le cadute dall'alto (anticaduta).
Protettori contro l'impatto degli arti e paraschiena per motociclisti
Moduli di Valutazione della Conformità/Articoli: B (Articolo 10) – C2 (Articolo 11A) – D (Articolo 11B).

Direttiva 2004/108/CE EMC
Prodotti: Apparecchiature (Apparecchi ed Impianti fissi)
Moduli di Valutazione della Conformità: Allegato III

Direttiva 2006/95/CE Bassa Tensione
Prodotti: ogni materiale elettrico destinato ad essere adoperato ad una tensione nominale compresa tra 50 e 1000 V in corrente alternata e fra 75 e 1500 V in corrente continua, fatta eccezione per i materiali e per i fenomeni esclusi dal campo d'applicazione della direttiva.
Moduli di Valutazione della Conformità: Elaborazione di una Relazione Tecnica in accordo all'articolo 8, comma 2 della Direttiva.

L'accreditamento per i settori elencati nel presente Allegato è valido fino a tutto il 2016 -06 -19
The accreditation for the sectors listed in this Enclosure is valid until 2016 -06 -19

Il Direttore di Dipartimento
The Department Director
(Dott. Emanuele Riva)

Il Presidente
The President
(Cav. del Lav. Federico Grazioli)

Il Direttore Generale
The General Director
(Dott. Filippo Trifiletti)

ANNEX B – Accreditation Certificate for ISO/IEC 17025

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

ilac-MRA

CERTIFICATO DI ACCREDITAMENTO
Accreditation Certificate

Accreditamento n° / *Accreditation n°* **0085** Rev. **5**

Si dichiara che / *We declare that* **EUROFINS TECH Srl**
Sede:
Via Cuorgné 21 - 10156 Torino TO

è conforme ai requisiti della norma / *meets the reqirements of the standard*
UNI CEI EN ISO/IEC 17025:2005 "Requisiti generali per la competenza dei Laboratori di prova e taratura"
EN ISO/IEC 17025:2005 "General Requirements for the Competence of Testing and Calibration Laboratories" standard

quale / *as*
Laboratorio di Prova
Testing Laboratory

L'accreditamento attesta la competenza tecnica del Laboratorio relativamente allo scopo riportato nelle schede allegate al presente certificato. Le schede possono variare nel tempo. I requisiti gestionali della ISO/IEC 17025:2005 (sezione 4) sono scritti in un linguaggio idoneo all'attività dei Laboratori di Prova, sono conformi ai principi della ISO 9001:2008 ed allineati con i suoi requisiti applicabili.
Il presente certificato non è da ritenersi valido se non accompagnato dalle schede allegate e può essere sospeso o revocato in qualsiasi momento nel caso di inadempienza accertata da parte di ACCREDIA.
La vigenza dell'accreditamento può essere verificata sul sito WEB (www.accredia.it) o richiesta direttamente ai singoli Dipartimenti .

The accreditation certifies the technical competence of the laboratory limited to the scope detailed in the attached Enclosure. The scope may vary in the time. The management system requirements in ISO/IEC 17025:2005 (Section 4) are written in a language relevant to Testing Laboratories operations and meet the principles of ISO 9001:2008 and are aligned with its pertinent requirements.
The present certificate is valid only if associated to the annexed schedule, and can be suspended or withdrawn at any time in the event of non fulfilment as ascertained by ACCREDIA.
The in force status of the accreditation may be checked in the WEB site (www.accredia.it) or on direct request to appointed Department.

Data di 1ª emissione *1st issue date* **1994-10-27**	Data di modifica *Modification date* **2014-04-14**	Data di scadenza *Expiring date* **2015-06-25**
Il Direttore Generale *The General Director* (Dr. Filippo Trifiletti)	Il Direttore di Dipartimento *Department Director* (Dr. Paolo Bianco)	Il Presidente *The President* (Cav. del Lav. Federico Grazioli)

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ELENCO PROVE ACCREDITATE - CATEGORIA: 0

Dispositivi per la protezione individuale dell'udito
Hearing protectors

Denominazione della prova / Campi di prova	*Metodo di prova*
Metodo soggettivo per la misura dell'attenuazione sonora Subjective method for the measurement of sound attenuation	ISO 4869-1:1990, UNI EN 24869-1:1993

Dispositivi per la riduzione del rumore da traffico stradale
Road traffic noise reducing devices

Denominazione della prova / Campi di prova	*Metodo di prova*
Prestazione acustica - Caratteristiche intrinseche di assorbimento acustico Acoustic performance - Intrinsic characteristics of sound absorption	UNI EN 1793-1:1999 UNI EN 1793-1:2013
Prestazione acustica - Caratteristiche intrinseche di isolamento acustico per via aerea Acoustic performance - Intrinsic characteristics of airborne sound insulation	UNI EN 1793-2:1999 UNI EN 1793-2:2013
Prestazioni non acustiche - Prestazioni meccaniche e requisiti di stabilità (escluso par. 5.4) - carico del vento e carico statico (solo temperatura ambiente) (par. 5.1) - peso proprio (escluso carichi combinati di peso, vento e statici paragr. B.3.3) (par. 5.2) - impatto pietre (solo temperatura ambiente) (par. 5.3) - forze dinamiche dovute alla rimozione della neve (par 5.5) Non-acoustic performance - Mechanical performance and stability requirements (excluded par. 5.4) - wind load and static load (only room temperature) (par. 5.1) - self weight (exclude combined weight, wind and static loads paragr. B.3.3) (par. 5.2) - impact of stone (only room temperature) (par. 5.3) - dynamic forces from snow clearance (par 5.5)	UNI EN 1794-1:2004 UNI EN 1794-1:2011
Prestazioni non acustiche - Requisiti generali di sicurezza e ambientali (escluso par. 4.3, 4.4 e 4.6) - resistenza all'incendio della macchia (par 4.1) - sicurezza secondaria - caduta frammenti (solo cat.0) (par 4.2) - riflessione luminosa (par 4.5) Non-acoustic performance - General safety and environmental requirements (excluded par. 4.3, 4.4 and 4.6) - resistance to brush fire (par 4.1) - secondary safety - falling debris (only cat.0) (par 4.2) - reflection of light (par 4.5)	UNI EN 1794-2:2004 UNI EN 1794-2:2011

Equipment for use in potentially explosive atmospheres ATEX

Denominazione della prova / Campi di prova	*Metodo di prova*
10.1 Spark ignition test 10.2 Temperature test 10.3 Dielectric strength tests 10.5 Tests for cells and batteries 10.6 Mechanical tests 10.9 Cable pull test 10.10 Transformer tests	IEC 60079-11:2011, EN 60079-11:2012
8.1.1 Water absorption test 8.1.2 Dielectric strength test 8.2.2 Maximum temperature 8.2.3 Thermal endurance test 8.2.4 Dielectric strength test 8.2.5 Cable pull test 8.2.8 Sealing test for build-in protective devices	IEC 60079-18:2009, EN 60079-18:2009

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Determination of explosion pressure (reference pressure) 15.1.2 Overpressure test – First method (static) 15.1.3.1 Test for non-transmission of an internal ignition 15.2 Tests of ability of the enclosure to withstand pressure 15.4.1 Thermal tests 15.4.2 Test for non-transmission of an internal ignition 15.4.3 Sealing test C.3.1 Test of mechanical test strength C.3.2 Type test for Ex blanking elements C.3.3 Type test for Ex thread adapters C.3.4	IEC 60079-1:2007, EN 60079-1:2007
Resistance to impact 26.4.2 Drop test 26.4.3 Degree of protection (IP) by enclosures 26.4.5 Temperature measurement 26.5.1 Thermal shock test 26.5.2 Small component ignition test (Group I and Group II) 26.5.3 Torque test for bushings 26.6 Thermal endurance to heat 26.8 Thermal endurance to cold 26.9 Resistance to chemical agents for Group I electrical equipment 26.11 Earth continuity 26.12 Surface resistance test of parts of enclosures of non-metallic materials 26.13 Charging tests 26.14 Cable glands with clamping by the sealing ring A.3.1.1 Cable glands with clamping by filling compound A.3.1.2 Cable glands with clamping by means of a clamping device A.3.1.3 Tensile test A.3.1.4 Mechanical strength A.3.1.5 Tests of clamping where the armourings are clamped by device within the gland A.3.2.1 Tests of clamping where the armourings are not clamped by device within the gland A.3.2.2 Type test for resistance to impact A.3.3 Test for degree of protection (IP) of a cable glands A.3.4	IEC 60079-0:2007, EN 60079-0:2009 IEC 60079-0:2011, EN 60079-0:2012
Type tests for dust exclusion by enclosures 6.1.1 Thermal tests 6.1.2 Pressure test 6.1.3	IEC 60079-31:2008, EN 60079-31:2009

Equipment for use in potentially explosive atmospheres ATEX , Electrical equipment

Denominazione della prova / Campi di prova	*Metodo di prova*
Degrees of protection provided by enclosures (IP Code)	IEC 60529:1989 + A1:1999, EN 60529:1991 + A1:2000

Macchine industriali
Industrial machinery

Denominazione della prova / Campi di prova	*Metodo di prova*
Rumore aereo emesso dalle apparecchiature informatiche e di telecomunicazione Airborne noise emitted by information technology and telecommunications equipments	UNI EN ISO 7779:2010 + ISO 9296:1988

Materiali per il condizionamento acustico, barriere
Materials for conditioning noise, barriers

Denominazione della prova / Campi di prova	*Metodo di prova*
Assorbimento acustico in camera riverberante Sound absorption in a reverberation room	UNI EN ISO 354:2003
Isolamento acustico in edifici e di elementi di edificio: Misurazione in laboratorio dell'isolamento acustico per via aerea di elementi di edificio Sound insulation in buildings and of building elements: Laboratory measurements of airborne sound insulation of building elements	UNI EN ISO 10140-1:2010 + UNI EN ISO 10140-2:2010 + UNI EN ISO 10140-4:2010 + UNI EN ISO 717-1:2007

Segnaletica verticale, complementare e per passaggi a livello
Road signs, complementary and level crossings

Denominazione della prova / Campi di prova	*Metodo di prova*

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Resistenza alla spinta orizzontale Resistance to horizontal load	Circ Min Lavori Pubblici n° 3652 17/06/1998 GU n° 168 21/07/1998 UNI EN 12899-1:2008

Sorgenti di rumore
Noise sources

Denominazione della prova / Campi di prova	*Metodo di prova*
Livelli di potenza sonora delle sorgenti di rumore mediante misurazione della pressione sonora. Metodi di laboratorio in camere riverberanti Sound power levels of noise sources using sound pressure. Precision methods for reverberation rooms	UNI EN ISO 3741:2010