



(2) Equipment and protective systems intended for use in potentially explosive atmospheres
Directive 94/9/EC

(1) **EC-TYPE EXAMINATION CERTIFICATE**

(3) Number of the EC type examination certificate: **INERIS 13ATEX0042**

(4) Equipment or protective system:

ENCLOSURES TYPE GWR or GWRCS****

(5) Manufacturer: **FEAM**

(6) Address: **Via Mario Pagano, 3
I-20090 Trezzano sul Naviglio (MI)**

(7) This equipment or protective system and any other acceptable alternative of this one are described in the annex of this certificate and the descriptive documents quoted in this annex.

(8) INERIS, notified body and identified under number 0080, in accordance with article 9 of Council Directive 94/9/EC of the 23rd March 1994, certifies that this equipment or protective system fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, described in annex II of the Directive.

The examinations and the tests are consigned in report No 026299/13.


(9) The respect of the Essential Health and Safety Requirements is ensured by:

- conformity with:

EN 60079-0	: 2009	EN 60079-0	: 2012
EN 60079-1	: 2007	EN 60079-7	: 2007
EN 60079-11	: 2012	EN 60079-18	: 2009
EN 60079-31	: 2009		

- specific solutions adopted by the manufacturer to meet the Essential Health and Safety Requirements described in the descriptive documents.

- (10) Sign X, when it is placed following the Number of the EC type examination certificate, indicates that this equipment and protective system is subjected to the special conditions for safe use, mentioned in the annex of this certificate.
- (11) This EC type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system, these are not covered by this certificate.
- (12) The marking of the equipment or the protective system will have to contain:

 II 2 GD

Verneuil-en-Halatte, 2013.10.28



The Chief Executive Officer of INERIS,
By delegation
T. HOUPIX
Ex Certification Officer

(13)

A N N E X

(14)

EC TYPE EXAMINATION CERTIFICATE N° INERIS 13ATEX0042

(15)

DESCRIPTION OF THE EQUIPMENT OR THE PROTECTIVE SYSTEM

These enclosures of different sizes made in polyester reinforced with fiber glass are covered by ATEX component certificate 13ATEX9009U. They are protected by increased safety "e" for gas atmosphere and protected by enclosure "tb" for dust atmosphere. These enclosures are intended to receive terminals only or terminals and some electrical components covered by an ATEX certificate.

Enclosures, protected by enclosure "tb" are intended to receive the same equipments listed above and/or electrical components not covered by an ATEX certificate and listed in the documentation.

The list of the component is defined on the technical documentation.

These enclosures get the degrees of protection IP65 or IP66 (depending of components installed on the enclosure) according to the EN 60529 standard.

PARAMETERS RELATING TO THE SAFETY

These enclosures are intended to be used in the following ranges of ambient temperature, in accordance with the temperature class T6/T85°C or T5/T100°C, the thermal stability of the terminals and the range of ambient temperature of the component installed in the enclosure:

- minimum ambient temperature from -20°C to -40°C
- maximum ambient temperature from +40°C to +55°C

Enclosures "Ex tb" with internal component and/or terminals:

Maximum power dissipated : see table below

Type of enclosure	Temperature class : T85 °C		Temperature class : T100 °C	
	Tamb :+40°C	Tamb :+55°C	Tamb :+40°C	Tamb :+55°C
GWR...09	11 W	7 W	16 W	11 W
GWR...11	16 W	10 W	23 W	16 W
GWR...14	22 W	14 W	32 W	22 W
GWR...21	24 W	15 W	34 W	24 W
GWR...22	38 W	24 W	54 W	38 W
GWR...42	46 W	28 W	63 W	46 W
GWR...44	91 W	56 W	125 W	91 W
GWR...84	166 W	101 W	229 W	166 W
Cable temperature	80 °C		90 °C	

The maximum supply voltage, number of the terminals and the permissible rated current depend of the size of the enclosure, the range of ambient temperature and the temperature class. These parameters are described on the descriptive documents.

Enclosures “Ex e” with internal component and/or terminals:

Maximum power dissipated : see table below

Type of enclosure	Temperature class : T6		Temperature class : T5	
	Tamb :+40°C	Tamb :+55°C	Tamb :+40°C	Tamb :+55°C
GWR...09	5 W	3 W	7 W	5 W
GWR...11	8 W	5 W	11 W	8 W
GWR...14	11 W	6 W	15 W	11 W
GWR...21	11 W	7 W	16 W	11 W
GWR...22	18 W	11 W	25 W	18 W
GWR...42	23 W	14 W	32 W	23 W
GWR...44	46 W	28 W	64 W	46 W
GWR...84	61 W	38 W	84 W	61 W
Cable temperature	NA			

The maximum supply voltage, number of the terminals and the permissible rated current depend of the size of the enclosure, the range of ambient temperature and the temperature class. These parameters are described on the descriptive documents

MARKING

Marking has to be readable and indelible; it has to include the following indications:

A- Enclosure "Ex tb" for dust protection :

FEAM

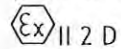
I - 20090 Trezzano sul Naviglio (MI)

GWR**or GWRCs** (1)

INERIS 13ATEX0042

(Serial number)

(Year of construction)

 Ex II 2 D

Ex tb IIIC T85°C or T100°C Db IP65 or IP66

... °C ≤ Tamb ≤ ... °C (2)

(Rated voltage and rated current and/or rated power)

WARNING: DO NOT OPEN WHEN ENERGIZED

- (1) Type is completed by numbers corresponding to the size of the enclosure.
- (2) Indication of the range of ambient temperature if different from -20°C to +40°C

B- Enclosure "Ex e" and "Ex tb" fitted with terminals and components:

FEAM

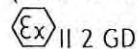
I - 20090 Trezzano sul Naviglio (MI)

GWR**or GWRCs** (1)

INERIS 13ATEX0042

(Serial number)

(Year of construction)

 Ex II 2 GD

Ex (2) e IIC T6 or T5 Gb

Ex tb IIIC T85°C or T100°C Db IP65 or IP66

... °C ≤ Tamb ≤ ... °C (3)

T. cable = (4)

(Rated voltage and rated current and/or rated power)

WARNING: DO NOT OPEN WHEN ENERGIZED

- (1) Type is completed by numbers corresponding to the size of the enclosure.
- (2) The marking code Ex is completed by the indication of the type of protection of the component installed in the enclosure in the alphabetical order.
- (3) Indication of the range of ambient temperature if different from -20°C to +40°C
- (4) Indication when the temperature is higher than 70°C (See table above)

Marking may be carried out in the language of the country of use.

The protective system or equipment has also to carry the marking normally stipulated by its construction standards.

ROUTINE EXAMINATIONS AND TESTS

Each apparatus defined above has to have successfully passed; before delivery:

- In accordance with clause 7.1 of the IEC 60079-7 standard, a dielectric strength test on each of the different circuits of the connection units, performed according to the relevant standards, the supply voltage shall applied during one minute.

(16) DESCRIPTIVE DOCUMENTS

The descriptive documents quoted hereafter constitute the technical documentation of the equipment, subject of this certificate.

- Certification file n° 13-263 rev.0F of 2013.08.26 (10 rubrics) signed on 2013.08.26

(17) SPECIAL CONDITIONS FOR SAFE USE

None.

(18) ESSENTIAL SAFETY AND HEALTH REQUIREMENTS

The respect of the Essential Health and Safety Requirements is ensured by:

- Conformity to the standards quoted in clause (9).
- All provisions adopted by the manufacturer and defined in the descriptive documents.



2 Appareil ou système de protection destiné à être utilisé en atmosphères explosibles
Equipment and protective systems intended for use in potentially explosive atmospheres

Directive 2014/34/UE
Directive 2014/34/EU

1 **ATTESTATION D'EXAMEN UE DE TYPE**
EU-TYPE EXAMINATION CERTIFICATE

3 Numéro de l'attestation d'examen UE de type / *Number of the EU-Type Examination Certificate*

INERIS 13ATEX0042X

INDICE / *ISSUE* : 01

4 Appareil ou système de protection / *Equipment or protective system:*

COFFRETS TYPE GWR - GWRCS** - GWRPS****

ENCLOSURES TYPE GWR - GWRCS** - GWRPS****

5 Fabricant / *Manufacturer:* **FEAM**

6 Adresse / *Address* :
Via Mario Pagano, 3
I-20090 Trezzano sul Naviglio (MI)

7 Cet appareil ou système de protection et toute autre variante acceptable de celui-ci sont décrits dans l'annexe de la présente attestation et dans les documents descriptifs cités dans cette annexe.

This equipment or protective system and any acceptable variation thereto is specified in the Annex of this certificate and the descriptive documents therein referred to.

8 L'INERIS, organisme notifié et identifié sous le numéro 0080, conformément aux articles 17 and 21 de la directive 2014/34/UE du Parlement Européen et du Conseil, datée du 26 février 2014, et accrédité par le COFRAC sous le n° 5-0045 dans le cadre de l'activité de certification de produits et services (portée disponible sur www.cofrac.fr) certifie que cet appareil ou système de protection répond aux Exigences Essentielles de Sécurité et de Santé en ce qui concerne la conception et la construction des appareils et des systèmes de protection destinés à être utilisés en atmosphères explosibles, décrites en annexe II de la Directive.

INERIS, notified body and identified under number 0080, in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, and accredited by COFRAC under number 5-0045 for certification of products and services (scope of accreditation available on the website www.cofrac.fr), certifies that this equipment or protective system fulfils the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

Les procédures de certification sont disponibles sur www.ineris.fr.

The rules of certification are available on INERIS website on: www.ineris.fr.

Les examens et les essais sont consignés dans le rapport :

The examinations and the tests are recorded in report:

N° 030147.

9 Le respect des Exigences Essentielles de Sécurité et de Santé est assuré par :
The respect of the Essential Health and Safety Requirements has been assured by:

- la conformité à / *Conformity with:*
EN 60079-0 : 2012/A11:2013
EN 60079-7 : 2007
EN 60079-1 : 2007
EN 60079-11 : 2012
EN 60079-18 : 2009
EN 60079-31 : 2014
- les solutions spécifiques adoptées par le fabricant pour satisfaire aux Exigences Essentielles de Sécurité et de Santé décrites dans les documents descriptifs /
Specific solutions adopted by the manufacturer to meet the Essential Health and Safety Requirements described in the descriptive documents

10 Si le signe X est placé à la suite du numéro de l'attestation d'examen UE de type, il indique que cet appareil ou système de protection est soumis à des conditions spéciales d'utilisation, mentionnées dans l'annexe de la présente attestation.
If the sign X is placed after the Number of the EU type examination certificate, it indicates that this equipment and protective system is subject to the Specific Conditions of Use, mentioned in the annex of this certificate.

11 Cette attestation d'examen UE de type se rapporte uniquement à la conception, aux examens et essais de l'appareil ou système de protection spécifié conformément à la directive 2014/34/UE. D'autres exigences de cette Directive s'appliquent à la fabrication et à la fourniture de cet appareil ou système de protection, celles-ci ne sont pas couvertes par cette attestation.
This EU-Type Examination Certificate relates only to the design, examinations and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 Le marquage de l'appareil ou du système de protection doit contenir :
The marking of the equipment or the protective system shall include the following:

 II 2 GD or  II 2 D

Verneuil-en-Halatte, 2016.07.29



Le Directeur Général de l'INERIS
Par délégation
*The Chief Executive Officer of INERIS
By delegation*

Dominique CHARPENTIER
Responsable Pôle Certification
Certification Division, Manager

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ANNEXE**15 DESCRIPTION DE L'APPAREIL OU DU SYSTEME DE PROTECTION :**

Les coffrets GWR**, GWRCS** et GWRPS** réalisés en polyester renforcé en fibre de verre sont protégés par sécurité augmentée « e » pour des atmosphères explosives gaz et protégés par enveloppe « tb » pour des atmosphères explosives poussières. L'enveloppe est couverte par le certificat composant INERIS 13ATEX9009U.

Les coffrets type GWR**, pour application en atmosphère explosive gaz, sont destinés à recevoir des bornes de raccordement uniquement.

Les coffrets type GWRCS**, pour application en atmosphère explosive gaz, sont destinés à recevoir des bornes de raccordement et des appareils électriques couverts par un certificat ATEX séparé (composant ou matériel) protégé par différents modes de protection comme "Ex d e", "Ex ia", "Ex ib", "Ex d ia/ib", "Ex e mb", "Ex d e mb", "Ex d e mb ia". Les conditions et les restrictions d'utilisation de ces accessoires sont spécifiées dans la documentation technique du fabricant.

Les coffrets type GWR** et GWRCS**, pour application en atmosphère explosive poussière, sont destinés à recevoir les mêmes accessoires définis ci-dessus et/ou d'autres composants électriques non couverts par un certificat ATEX listés dans la documentation.

Les coffrets type GWRPS**, pour application en atmosphère explosive gaz et poussière, sont destinés à recevoir des bornes de raccordement et à être équipés de prises de courants couvertes par le certificat LCIE 05ATEX6149 (type DXN3), LCIE 99ATEX 6027X (type DXN1) et LCIE 05ATEX6150 (type DXN6). Les conditions et les restrictions d'utilisation des accessoires sont spécifiées dans la documentation technique du fabricant.

Les coffrets présentent les degrés de protection IP65 ou IP 66 selon la norme EN 60529 et en fonction du degré de protection des composants installés sur le coffret.

PARAMETRES RELATIFS A LA SECURITE :

Les coffrets GWR** et GWRCS** sont prévus pour être utilisés dans les gammes de températures suivantes, en accord avec la classe de température T6/T85°C ou T5/T100°C, la stabilité thermique des bornes et la gamme des températures ambiantes des composants installés dans le coffret :

- Température ambiante minimale de -20°C à -50°C.
- Température ambiante maximale de +40°C à +60°C

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ANNEX**15 DESCRIPTION OF THE EQUIPMENT OR THE PROTECTIVE SYSTEM :**

*These enclosures GWR**, GWRCS** and GWRPS** made in polyester reinforced by fiber glass are protected by increased safety "e" for gas atmosphere and protected by enclosure "tb" for dust atmosphere. The empty enclosure is covered by the component certificate INERIS 13ATEX9009U.*

*The enclosures type GWR**, for application in gas hazardous area, are intended to receive terminals only.*

*The enclosures type GWRCS**, for application in gas hazardous area, are intended to receive terminals and some electrical devices, covered by separated ATEX certificates (full conformity or component) using different types of protection as "Ex d e", "Ex ia", "Ex ib", "Ex d ia/ib", "Ex e mb", "Ex d e mb", "Ex d e mb ia". The conditions and restrictions of uses of these devices are specified in the technical documentation of the manufacturer.*

*The enclosures type GWR** and GWRCS** , for application in dust hazardous area, are intended to receive the same equipment specified above and/or electrical components not covered by an ATEX certificate and listed in the documentation.*

*The enclosures type GWRPS**, for application in gas and dust hazardous area, are intended to receive terminals and to be fitted with the plugs and sockets covered by the ATEX certificate LCIE 05ATEX6149 (type DXN3), LCIE 99ATEX 6027X (type DXN1) and LCIE 05ATEX6150 (type DXN6). The conditions and restrictions of uses of these devices are specified in the technical documentation of the manufacturer.*

These enclosures get the degrees of protection IP65 or IP66 according to the EN 60529 standard and in accordance with degrees of protection of the component installed on the enclosure.

PARAMETERS RELATING TO THE SAFETY :

*The enclosures GWR** and GWRCS** are intended to be used in the following ranges of ambient temperature, in accordance with the temperature class T6/T85°C or T5/T100°C, the thermal stability of the terminals and the range of ambient temperature of the component installed in the enclosure:*

- *minimum ambient temperature : -20°C to -50°C*
- *maximum ambient temperature: +40°C to +60°C*

Coffrets GWR** ou GWRCS** destinés pour les atmosphères explosives poussières avec composants internes et/ou bornes de raccordement :

La tension maximale, le nombre maximal de bornes et l'intensité assignée dépendent de la taille du coffret, de la gamme de températures ambiantes et de la classe de température. Ces différents paramètres sont définis dans les documents descriptifs.

Puissance maximale dissipée : Voir tableau ci-après

Enclosures GWR** or GWRCS** intended for dust hazardous area with internal component and/or terminals:

The maximum supply voltage, number of the terminals and the permissible rated current depend of the size of the enclosure, the range of ambient temperature and the temperature class. These parameters are described on the descriptive documents.

Maximum power dissipated: see table below

Type de coffret/ Type of enclosure	Température ambiante : Ambient temperature :					
	Classe de température : T85°C Temperature class : T85°C			Classe de température : T100°C Temperature class : T100°C		
	+40°C	+55°C	+60°C	+40°C	+55°C	+60°C
GWR...09	11 W	7 W	6 W	16 W	11 W	10 W
GWR...11	16 W	10 W	8 W	23 W	16 W	15 W
GWR...14	22 W	14 W	11 W	32 W	22 W	20 W
GWR...21	24 W	15 W	12 W	34 W	24 W	22 W
GWR...22	38 W	24 W	19 W	54 W	38 W	34 W
GWR...42	46 W	28 W	23 W	63 W	46 W	39 W
GWR...44	91 W	56 W	45 W	125 W	91 W	78 W
GWR...84	166 W	101 W	83 W	229 W	166 W	146 W
Température câble : Cable temperature :	80°C			90°C		95°C

Coffrets GWR** ou GWRCS** destinés pour les atmosphères explosives gaz uniquement ou pour gaz et poussières avec composants internes et/ou bornes de raccordement :

La tension maximale, le nombre maximal de bornes et l'intensité assignée dépendent de la taille du coffret, de la gamme de températures ambiantes et de la classe de température. Ces différents paramètres sont définis dans les documents descriptifs.

Puissance maximale dissipée : Voir tableau ci-après

Enclosures GWR** or GWRCS** intended for gas and/or dust hazardous area with internal component and/or terminals:

The maximum supply voltage, number of the terminals and the permissible rated current depend of the size of the enclosure, the range of ambient temperature and the temperature class. These parameters are described on the descriptive documents.

Maximum power dissipated: see table below

Type de coffret/ Type of enclosure	Température ambiante : Ambient temperature :					
	Classe de température : T6/T85°C Temperature class : T6/T85°C			Classe de température : T5/T100°C Temperature class : T5/T100°C		
	+40°C	+55°C	+60°C	+40°C	+55°C	+60°C
GWR...09	5 W	3 W	3 W	7 W	5 W	5 W
GWR...11	8 W	5 W	4 W	11 W	8 W	7 W
GWR...14	11 W	6 W	5 W	15 W	11 W	9 W
GWR...21	11 W	7 W	6 W	16 W	11 W	10 W
GWR...22	18 W	11 W	9 W	25 W	18 W	16 W
GWR...42	23 W	14 W	12 W	32 W	23 W	20 W
GWR...44	46 W	28 W	23 W	64 W	46 W	40 W
GWR...84	61 W	38 W	30 W	84 W	61 W	53 W
Température câble : Cable temperature :	N/A					

Les coffrets GWRPS** sont prévus pour être utilisés dans une gamme de température de -40°C à +60°C. Les paramètres électriques d'entrée des prises montées sur le coffret doivent être en accord avec ceux spécifiés dans leurs propres certificats. Le nombre maximum de prises qui peuvent être montées sur le coffret et le nombre maximum de bornes admissibles dans le coffret sont spécifiés dans les documents descriptifs du fabricant.

MARQUAGE :

Le marquage doit être lisible et indélébile ; il doit comporter les indications suivantes :

A- Coffret GWR ou GWRCS** pour atmosphère explosive poussière uniquement :**

FEAM
I-20090 Trezzano sul Naviglio (MI)
GWR**ou GWRCS** (1)
INERIS 13ATEX0042X
(Numéro de série)
(Année de construction)

Ⓔ II 2 D

Ex tb IIIC T85°C ou T100°C Db IP65 ou IP66
...°C ≤ Tamb ≤ ...°C (2)

T. câble = (3)
(Tension et courant et/ou puissance assignés)

AVERTISSEMENT : NE PAS OUVRIR SOUS TENSION

- (1) Le type est complété par des chiffres correspondant à la taille du coffret.
- (2) Indication de la gamme de températures ambiantes si différente de -20°C à +40°C.
- (3) Indication quand la température est supérieure à 70°C

B- Coffret GWR ou GWRCS** pour atmosphère explosive gaz et poussières équipés de bornes et de composants :**

FEAM
I-20090 TREZZANO SUL NAVIGLIO (MI)
GWR**ou GWRCS** (1)
INERIS 13ATEX0042X
(Numéro de série)
(Année de construction)

Ⓔ II 2 G D

Ex (2) e IIC T6 ou T5 Gb
Ex tb IIIC T85°C ou T100°C Db IP65 ou IP66
...°C ≤ Tamb ≤ ...°C (3)

(Tension et courant et/ou puissance assignés)

AVERTISSEMENT : NE PAS OUVRIR SOUS TENSION

- (1) Le type est complété par des chiffres correspondant à la taille du coffret.
- (2) Le code marquage Ex est complété par l'indication du type de protection, par ordre alphabétique, du composant installé dans le coffret.
- (3) Indication de la gamme de températures ambiantes si différente de -20°C à +40°C.

The enclosures GWRPS** are intended to be used in the range of ambient temperature from -40°C to +60°C. The electrical input parameters of the plugs and sockets fitted on the enclosure must be in accordance with those specified in their own certificates. The maximum number of Plugs and sockets that could be fitted on an enclosure and the maximum number of terminals allowed inside the enclosure are defined in the descriptive documents of the manufacturer.

MARKING :

Marking has to be readable and indelible; it has to include the following indications:

A- Enclosure GWR or GWRCS** for dust hazardous area only:**

FEAM
I-20090 Trezzano sul Naviglio (MI)
GWR**or GWRCS** (1)
INERIS 13ATEX0042X
(Serial Number)
(Year of construction)

Ⓔ II 2 D

Ex tb IIIC T85°C or T100°C Db IP65 or IP66
...°C ≤ Tamb ≤ ...°C (2)

T. cable = (3)
(Rated voltage and rated current and/or rated power)

WARNING: DO NOT OPEN WHEN ENERGIZED

- (1) Type is completed by numbers corresponding to the size of the enclosure.
- (2) Indication of the range of ambient temperature if different from -20°C to +40°C
- (3) Indication when the temperature is higher than 70°C (See table above)

B- Enclosure GWR or GWRCS** for gas and/or dust hazardous area fitted with terminals and components:**

FEAM
I-20090 TREZZANO SUL NAVIGLIO (MI)
GWR**or GWRCS** (1)
INERIS 13ATEX0042X
(Serial Number)
(Year of construction)

Ⓔ II 2 G D

Ex (2) e IIC T6 or T5 Gb
Ex tb IIIC T85°C or T100°C Db IP65 or IP66
...°C ≤ Tamb ≤ ...°C (3)


(Rated voltage and rated current and/or rated power)

WARNING: DO NOT OPEN WHEN ENERGIZED

- (1) Type is completed by numbers corresponding to the size of the enclosure.
- (2) The marking code Ex is completed by the indication of the type of protection of the component installed in the enclosure in the alphabetical order.
- (3) Indication of the range of ambient temperature if different from -20°C to +40°C.

C- Coffret GWRPS pour atmosphère explosive gaz et poussières :**

FEAM
I-20090 TREZZANO SUL NAVIGLIO (MI)
GWRPS** (1)
INERIS 13ATEX0042X
(Numéro de série)
(Année de construction)

 II 2 G D

Ex d e IIC T6 ou T5 ou T4 Gb
Ex tb IIIC T85°C ou T100°C ou T135°C Db IP65 ou IP66

...°C ≤ Tamb ≤ ...°C (2)
(Tension et courant et/ou puissance assignés)

AVERTISSEMENT : NE PAS OUVRIR SOUS TENSION

- (1) Le type est complété par des chiffres correspondant à la taille du coffret.
- (2) Indication de la gamme de températures ambiantes si différente de -20°C à +40°C.

L'ensemble du marquage peut être réalisé dans la langue du pays d'utilisation.

L'appareil ou le système de protection doit aussi porter le marquage normalement prévu par les normes de construction qui le concernent.

EXAMENS ET ESSAIS INDIVIDUELS :

Chaque exemplaire du matériel ci-dessus défini doit avoir subi avec succès, avant livraison :


- Conformément au § 7.1 de la norme EN 60079-7, une épreuve de rigidité diélectrique, effectuée selon les normes appropriées, sur chacun des différents circuits du matériel, la tension d'épreuve étant appliquée pendant une minute.

16 DOCUMENTS DESCRIPTIFS :

Les documents descriptifs cités ci-après, constituent la documentation technique de l'appareil, objet de la présente attestation.

C- Enclosure GWRPS for gas and dust hazardous area :**

FEAM
I-20090 TREZZANO SUL NAVIGLIO (MI)
GWRPS** (1)
INERIS 13ATEX0042X
(Serial Number)
(Year of construction)

 II 2 G D

Ex d e IIC T6 or T5 or T4 Gb
Ex tb IIIC T85°C or T100°C or T135°C Db IP65 or IP66

...°C ≤ Tamb ≤ ...°C (2)
(Rated voltage and rated current and/or rated power)

WARNING: DO NOT OPEN WHEN ENERGIZED

- (1) Type is completed by numbers corresponding to the size of the enclosure.
- (2) Indication of the range of ambient temperature if different from -20°C to +40°C

Marking may be carried out in the language of the country of use.

The protective system or equipment has also to carry the marking normally stipulated by its construction standards.

ROUTINE EXAMINATIONS AND TESTS :

Each apparatus defined above has to have successfully passed; before delivery:

- In accordance with clause 7.1 of the EN 60079-7 standard, a dielectric strength test on each of the different circuits of the connection units, performed according to the relevant standards, the supply voltage shall applied during one minute.

16 DESCRIPTIVE DOCUMENTS :

The descriptive documents quoted hereafter constitute the technical documentation of the equipment, subject of this certificate.

Titre / Title	Réf. / Ref.	Rév. / Rev.	Date / Date
Certification file (8 Rubriques /Rubrics)	13-263	1	2016.02.15

17 CONDITIONS SPECIALES D'UTILISATION :

- Les coffrets peuvent être utilisés pour différentes températures ambiantes comprises entre -50°C et +60°C en fonction des composants installés sur les coffrets et en accord avec les documents descriptifs.
- Lors de l'installation l'utilisateur devra tenir compte du fait que le coffret type GWRPS** n'a subi qu'un choc mécanique faible.
- Lors de l'installation l'utilisateur devra tenir compte du fait que le coffret type GWR** - GWRCs** - GWRPS** n'a subi qu'un choc mécanique faible pour une température ambiante minimale de -50°C (Risque mécanique normal jusqu'à -40°C pour tous les types excepté pour le type GWRPS**)
- Les conditions spéciales d'utilisation sont complétées par celles spécifiées dans les certificats relatifs à chaque accessoire constitutif de l'équipement final.

Les autres conditions sont définies dans la notice d'instructions.

18 EXIGENCES ESSENTIELLES DE SECURITE ET DE SANTE :

Le respect des Exigences Essentielles de Sécurité et de Santé est assuré par :

- La conformité aux normes listées au paragraphe (9).
- L'ensemble des dispositions adoptées par le constructeur et décrites dans les documents descriptifs.

19 REMARQUES :

L'indice 00 fait référence à l'attestation d'examen CE de type n° INERIS 13ATEX0042X émis précédemment conformément à la directive 94/9/CE.

Les modifications de l'indice 01 concernent :

- Extension de la gamme de température ambiante de « -40°C à +55 » à « -50°C à +60°C »
- Introduction d'un nouveau type de coffret : GWRPS** composé d'une enveloppe équipée de prises de courant.
- Application de la norme EN 60079-31 :2014
- Mise à jour de la liste des versions de normes applicables en fonction des accessoires qui peuvent être montés sur les coffrets.
- « X » ajouté à la fin du numéro de certificat pour l'introduction de conditions spéciales d'utilisation.

17 SPECIFIC CONDITIONS OF USE :

- *The enclosures could be used in different ambient temperatures ranges comprised from -50°C up to +60°C following the components fitted on the enclosures and in accordance with the descriptive documents.*
- *During the installation, the user will take into consideration that the enclosures type GWRPS** underwent only a shock corresponding to an energy of a low risk*
- *During the installation, the user will take into consideration that the enclosures type GWR** - GWRCs** - GWRPS** underwent only a shock corresponding to an energy of a low risk for ambient temperature down to -50°C (Normal mechanical risk until -40°C for all types excepted for GWRPS**)*
- *The special conditions for safe use are complemented by those described into the examination certificates of each device constitutive of the final equipment.*

The other conditions of use are stipulated in the instructions.

18 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS :

The respect of the Essential Health and Safety Requirements is ensured by:

- *Conformity to the standards quoted in clause (9).*
- *All provisions adopted by the manufacturer and defined in the descriptive documents.*

19 REMARKS :

The issue 00 refers to the EC-type examination certificate N° INERIS 13ATEX0042X issued previously according to the Directive 94/9/EC.

The changes of the issue 01 are regarding:

- *Extension of the range of ambient temperature from "-40°C to +55°C" to "-50°C to +60°C"*
- *Introduction of a new type of enclosures : GWRPS** composed of enclosures fitted with Plugs and sockets*
- *Application of the EN 60079-31:2014*
- *Update of the applicable standard versions in accordance with the devices that could be fitted on the enclosures.*
- *"X" added at the end of the certificate number for introduction of special conditions of use*

Trezzano sul Naviglio (MI), 01 Maggio 2021

A tutte gli Istituti di Credito, i Clienti, i Fornitori, i Professionisti
LORO SEDI

OGGETTO: FUSIONE PER INCORPORAZIONE di Nuova ASP S.r.l. in FEAM S.r.l.

Egregi Signori,

la presente per comunicare che, con Atto di Fusione redatto a cura del Notaio Giuseppe Calafiori di Milano, in data 15.04.2021, Repertorio N. 86463 Raccolta N. 27172 iscritto al Registro delle Imprese in data 16/04/2021, si è perfezionata la fusione per incorporazione di Nuova ASP S.r.l. in F.E.A.M. S.r.l. **con data di efficacia dal 01.05.2021**

Contestualmente, la incorporante F.E.A.M. S.r.l. ha altresì assunto la nuova denominazione sociale: **BARTEC F.N. S.R.L.**

Per effetto di tale atto di fusione, **a decorrere dal 01.05.2021**, la scrivente **BARTEC F.N. S.R.L.** subentra in tutti i rapporti giuridici e in tutti i diritti attivi e passivi, senza soluzione di continuità, nonché in tutto il patrimonio attivo e passivo, azioni, diritti, licenze, autorizzazioni, certificazioni di Nuova ASP S.r.l..

Vi invitiamo pertanto a voler prendere nota che dalla predetta data del 1° maggio 2021 tutta la documentazione riferita a Nuova ASP S.r.l. dovrà essere indirizzata ed intestata alla società derivante dalla fusione:

BARTEC F.N S.R.L.

Capitale Sociale € 80.000 i.v.

Con sede legale in Trezzano sul Naviglio (Mi), Via Mario Pagano, 3

Codice Fiscale e Partita Iva 04095610962 - R.E.A. di Milano 1724940

In conseguenza di tale incorporazione ed ai sensi del vigente codice della Privacy (Decreto Legislativo n. 196/2003 e Regolamento europeo 679/2016), BARTEC F.N. S.R.L., subentra inoltre nella titolarità dei dati personali già oggetto di trattamento da parte della società incorporata, restando comunque invariate finalità e modalità del trattamento ai sensi delle informative già comunicate.

Si ricorda, infine, che, in conseguenza della intervenuta fusione, le fatture ed ogni altro documento di qualsiasi natura riportante data di rilascio/emissione successiva al 1° maggio 2021 dovranno essere intestati a **BARTEC F.N. S.R.L.**

BARTEC F.N. S.r.l.
L'Amministratore Delegato
Dr. Enrico Abbo

BARTEC F.N. Srl

Trezzano sul Naviglio (MI), 01 May 2021

To all Credit Institutes, all Customers, all Suppliers, and all Professionals
THEIR HEADQUARTERS

SUBJECT: MERGER BY INCORPORATION of Nuova ASP S.r.l. in FEAM S.r.l.

Dear Sirs,

you are hereby notified that by the merger deed prepared by the Notary Giuseppe Calafiori of Milan on 15.04.2021, Register No. 86463 Volume no. 27172 entered in the Business Registry on 16/04/2021 the merger by incorporation of Nuova ASP S.r.l. in F.E.A.M. S.r.l. has been completed. S.r.l. **Date on which the merger shall come into effect: 01.05.2021**

Simultaneously, the acquiring F.E.A.M. S.r.l. has also changed its company name: **BARTEC F.N. S.R.L.**

Due to this merger, **as of 01.05.2021**, the author company **BARTEC F.N. S.R.L.** shall take over all contractual relationships, implied and explicit legal relations, without interruption, as well as all liabilities and assets, shares, rights, licenses, authorisations and certifications of Nuova ASP S.r.l..

Therefore we invite you to take note that as of the aforementioned date, 1st May 2021, all documentation referring to Nuova ASP S.r.l. must be addressed and made out to the company:

BARTEC F.N S.R.L.

Share capital €80,000.00 fully paid up

with registered office in Trezzano sul Naviglio (Mi), Via Mario Pagano, 3

Tax Code and VAT No. 04095610962

Economic and Administrative Index - R.E.A. No. Milan 1724940

As a consequence of this incorporation and pursuant to the privacy Code in force (Italian Legislative Decree no. 196/2003 and European Regulation 679/2016), BARTEC F.N. S.R.L., takes on the role of data controller of personal data processed by the company being acquired, while the purposes and methods of processing remain unchanged, pursuant to previously disclosed information statements.

Lastly, you are hereby reminded that as a consequence of the merger, invoices and all other documents of any nature bearing an issue date/ issued after 1st May 2021 must be made out to **BARTEC F.N. S.R.L.**

BARTEC F.N. S.r.l.
Managing Director
Dr. Enrico Abbo


BARTEC F.N. Srl