



ATTESTATION D'EXAMEN UE DE TYPE - MODULE B
EU-TYPE EXAMINATION CERTIFICATE - MODULE B

NUMERO D'ENREGISTREMENT : **0080.EXP.00.0064**
REGISTRATION NUMBER:

INDICE : **7**
ISSUE:

NOM DU (DES) PRODUIT(S) : **DAVEYNEL® 2 (0, 9, 17, 25, 42, 65, 100 et 200 ms)**
NAME OF THE PRODUCT(S):

(SOUS-)TYPE GÉNÉRIQUE : **Connecteur de surface**
GENERIC (SUB-)TYPE: Surface connector

CATÉGORIE : **--**
CATEGORY:

FABRICANT : **Davey Bickford**
MANUFACTURER:
Le Moulin Gaspard
89550 Héry - France

L'Institut National de l'Environnement Industriel et des Risques (INERIS), notifié sous le numéro d'identification 0080 conformément à l'article 24 de la directive 2014/28/UE du Parlement Européen et du Conseil du 26 février 2014, et accrédité par le COFRAC sous le numéro 5-0045 dans le cadre de l'activité de certification de produits et services (portée disponible sur www.cofrac.fr), atteste que le produit désigné ci-avant est reconnu conforme aux exigences essentielles de sécurité telles que définies en annexe II de la directive 2014/28/UE. Les procédures de certification sont disponibles sur www.ineris.fr.

The National Institute for Industrial Environment and Risk (INERIS), notified with the identification number 0080 in accordance with the article 24 of the directive 2014/28/EU of the European Parliament and of the Council of 26 February 2014, and accredited by COFRAC under number 5-0045 for certification of products and services (scope available on www.cofrac.fr), testifies that the above-named product is recognized to conform to the essential safety requirements as defined in annex II of the directive 2014/28/EU. The certification procedures are available on www.ineris.fr.

Toute modification de la composition et/ou de la conception du produit doit être communiquée à l'INERIS.

Any change of the composition and/or the design of the product have to be communicated to INERIS.

Verneuil-en-Halatte, **7 juin 2023**
Le Directeur Général de l'INERIS
The Chief Executive Officer of INERIS
Par délégation, le Responsable Certification
By delegation, the Certification Manager

Annexe à l'attestation d'examen UE de type
0080.EXP.00.0064
Indice
7
Appendix to the EU-type examination certificate
Issue
A1- Description des produits couverts par ce certificat
Description of the product(s) covered by this certificate

- Manufacturer's references 42000F_ / 42001G_ for the surface connectors with PETN
42001N_ for the surface connectors with lead azide
- Detonator case Aluminum alloy
- External diameter 7.5 mm
- Shell length 63.5 mm
- Main charge 0.2 g PETN or 0.25 g lead azide
- Number of tubes connected 6 tubes maximum for the surface connectors with PETN
8 tubes maximum for the surface connectors with lead azide

Shock tube characteristics

- Nature of the tube Ionomer resin, colored polyethylene
- Internal diameter 1.25 ± 0.15 mm
- External diameter 3.0 ± 0.15 mm
- Length of the tube 2 to 100 m (on customer request)
- Explosive charge HMX / aluminum mixture
- Shock wave velocity ≥ 1800 m/s

Nominal delay of the detonator with the plastics connector:

Delay (ms)	Connector and shock tube color
0	Pink
9	Green
17	Yellow
25	Red
42	White
65	Blue
100	Orange
200	Orange

A2- Conditions particulières pour le stockage, la manipulation et l'utilisation
Special conditions for storage, manipulation and use

- Shelf life 2 years
- Limit temperature for storage -30 °C to $+50$ °C
- Limit temperature for use -30 °C to $+50$ °C
- Water resistance 4 bar (0.4 MPa) during 48 h
- Abrasion resistance satisfactory, to be adapted to the use
- Tensile strength satisfactory, to be adapted to the use
- Resistance to impact satisfactory, to be adapted to the use

A3- Document(s) technique(s) d'examen
Technical document(s) of examination

- . EU-type examination report reference DNO-CMi/ST, AgCE 2/1, R950114A, 36 AG 64, dated June 4, 1996;
- . EU-type examination report reference EXP-DP/ST, AgCE 2/2, R960379D, 36 AK 92, dated December 31, 1996;
- . EU-type examination report reference DCE-LCED-DP/ST-2000, AgCE 2/9 - 27746, dated December 6, 2000;
- . EU-type examination report reference DCE-2002-44140, LCED-LDu/ST, AgCE 2/13, dated December 30, 2002;
- . EU-type examination report reference DCE-2003-49938, LCED-JMo/ST, AgCE 2/15, dated June 25, 2003;
- . EU-type examination report reference DCE-2004-63032, LCED-LDu/ST, AgCE 2/16, dated November 11, 2004;
- . Letter reference DSC-18-176258-05891A, AgCE 2, dated July 13, 2018;
- . Letter reference Ineris-206157-2721861, AgCE 2;
- . Letter reference Ineris-222793-2772070, AgCE 2.



Annexe à l'attestation d'examen UE de type

Appendix to the EU-type examination certificate

0080.EXP.00.0064

Indice

7

Issue

A4- Référentiel(s) de certification

Referential(s) of certification

Un échantillon du ou des produits ci-dessus a été évalué et testé selon les normes suivantes :

A sample of the product(s) above was assessed and tested according to the following standards:

. NF EN 13763 standards series: Detonators and relays.