



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

NUMERO D'ENREGISTREMENT :
REGISTRATION NUMBER:

0080.EXP.00.0065

INDICE : **5**
ISSUE:

NOM DU (DES) PRODUIT(S) :
NAME OF THE PRODUCT(S)

DAVEYNEL® 2 SP3 à SP20 (75 à 500 ms)

TYPE GENERIQUE (ET CATEGORIE) :
GENERIC TYPE (AND CATEGORY):

Détonateur non-électrique
Non-electric detonator

SOUS-TYPE :
SUB-TYPE:

-

TITULAIRE DE L'ATTESTATION :
HOLDER OF THE CERTIFICATE

Davey Bickford
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

D. CHARPENTIER



ANNEXE A L'ATTESTATION D'EXAMEN UE DE TYPE - MODULE B
APPENDIX TO THE EU-TYPE EXAMINATION CERTIFICATE - MODULE B

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A1- DESCRIPTION OF THE PRODUCT(S):

- Manufacturer's references 42002 K__
- Detonator case Aluminum alloy
- External diameter 7.5 mm
- Shell length See table above
- Main charge 0.8 g PETN

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
- . explosive charge HMX/aluminum mixture
- . shock wave velocity ≥ 1800 m/s

Nominal delays:

N°	Delay (ms)	Shell length (mm)	N°	Delay (ms)	Shell length (mm)
SP3	75	54.5	SP12	300	67.5
SP4	100	54.5	SP13	325	67.5
SP5	125	57.0	SP14	350	69.0
SP6	150	57.0	SP15	375	70.5
SP7	175	59.5	SP16	400	73.5
SP8	200	62.0	SP17	425	73.5
SP9	225	62.0	SP18	450	76.5
SP10	250	64.75	SP19	475	76.5
SP11	275	64.75	SP20	500	79.5

A2- PARTICULAR CONDITIONS FOR STORAGE, MANIPULATION AND USE:

As specified by the manufacturer.

- Shelf life 2 years
- Limit temperatures for storage - 30°C to + 50°C
- Limit temperatures for use - 30°C to + 50°C
- Water resistance 48 h to 4 bar (0.4 MPa)
- 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- ASSOCIATED ASSESSMENT DOCUMENT(S):

- . Examination report reference EXI-DP/ST, Ag CE 2/3, 36 AR 03, dated April 3, 1998;
- . Examination report reference DCE-LCED-DP/ST-2000, AgCE 2/9 - 27746, dated December 6, 2000;
- . Examination report reference DCE-2002-44140, LCED-LDu/ST-AgCE 2/13, dated December 30, 2002;
- . 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-222752-2770266, AgCE 2;
- . Letter reference Ineris-222793-2772070, AgCE 2.



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A4- REFERENTIAL(S):

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

- . NF EN 13763 standards series: Detonators and relays.