



# INERIS

NATIONAL INSTITUTE FOR INDUSTRIAL ENVIRONMENT AND RISK

- decree nr 90-1089, 7 December 1990 -  
- order from the Minister of Industry, 4 May 2010 -

## PYROTECHNIC ARTICLES

- 1 - EC TYPE-EXAMINATION CERTIFICATE
- 2 - **0080.P1.12.0025**
- 3 - This certificate is relating to the following product:  
**Pyrotechnic device, anti-mole named "LE DETAUPEUR®"**
- 4 - This product is manufactured by:  
**FAR OUEST**  
4 rue Charles Bourseul  
22300 LANNION - FRANCE  
  
The applicant for the examination is:  
**FAR OUEST**  
4 rue Charles Bourseul  
22300 LANNION - FRANCE
- 5 - The above named product is specified in the enclosed appendix.
- 6 - The National Institute for Industrial Environment and Risk (INERIS), notified with the identification number 0080 in accordance with the article 10.1 of the Council Directive 2007/23/EC, 23 May 2007, testifies that:  
The above named product model is recognized to conform to Essential Safety Requirements as defined in annex I of that Directive.
- 7 - In addition to the EC type-examination (module B) defined in annex II of the Directive, the applicant has retained the assessment of the production quality assurance (module D) defined in the same annex. In compliance with para 3.3 of this module, the decision for the assessment has been notified to the manufacturer.

Verneuil-en-Halatte, June 26, 2012  
The Chief Executive Officer of INERIS  
By delegation, the Certification Division, Manager

  
D. Charpentier.

C. MICHOT





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## Appendix to the EC type-examination certificate nr 0080.P1.12.0025

- A1 - PRODUCT NAME** : LE DETAUPEUR®
- A2 - PRODUCT DESCRIPTION:**  
 general identification:  
 - type : electric igniter  
 - sub-type : boosted electric igniter with electronic ignition device  
 - category : other pyrotechnic article, category P1  
 - shape : red PVC protective envelope (Ø 12 mm - L 34 mm) containing a pyrotechnic composition and an electric igniter with 2 wires.  
 - leading wires : red PVC coated copper  
 - wires length : 35 - 36 cm  
 - pyrotechnic composition : potassium perchlorate 70 %, aluminum pyrophoric 30 %  
 - NEC : 400 mg
- characteristics:  
 - electrical resistance : 1.2 to 1.5 Ω  
 - no fire intensity : 0.18 A during 5 min  
 - all fire intensity : 0.8 A during 4 ms  
 - insulation resistance : not applicable
- general conditions:  
 - shelf life : 6 years  
 - limit temperature for use : 0°C / + 50°C / 90 % RH max  
 - limit temperature for storage : 0°C / + 50°C / 90 % RH max
- accessory:  
 - main : specific electronic trigger device  
 - shape : plastics tube comprising an electronic system trigger by contact with a probe.  
 - power supply : 2 x 1.5 volts batteries
- A3 - DOCUMENTATION:**
- |                             | reference                               | date      |
|-----------------------------|---|-----------|
| - decision on certification | : DCE-12-115911-07276A,<br>PNEO-AgCE 75 | 6/26/2012 |
- A4 - PARTICULAR CONDITIONS FOR HANDLING, ASSEMBLING AND USE:**  
As specified by the manufacturer.
- A5 - MARKING:**  
 - CE and number of Notified Body : in conformity with para 1 of module D in annex II of the Directive  
 - others : batch number (charge), certificate number

