1 - ADDITION C1 TO THE EC TYPE-EXAMINATION CERTIFICATE

2 - 0080.EXP.03.0046

3 - This certificate is relating to the following product:

- Primer caps named
  - Percussion primer 51-9067-1
  - Percussion primer 2-350160-1
  - Percussion primer 2-350220-1

4 - This product is manufactured by:

- Pacific Scientific Energetic Material Company
  7073 West Willis Drive
  CHANDLER, ARIZONA
  USA 85226-5111

The applicant for the examination is:

- Owen Compliance Services, Inc.
  8805 Forum Way
  FORT WORTH, TEXAS 76140
  USA

represented in the European Union by:

- Pacific Scientific
  Mr. Ian Bell
  The Cottage
  Shepperdine House, Shepperdine
  OLDBURY-ON-SEVERN
  BS35 1RW
  United Kingdom

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 6.2 of the Council Directive 93/15/EEC, 5 April 1993, 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. The decision for the assessment has been notified to the manufacturer.

8 - This addition is valid as a definitive EC type-examination certificate.

Verneuil-en-Halatte, March 24, 2003

The Chief Executive Officer of INERIS
By delegation, the Certification Division, Manager

C. MICHOT
Appendix to the addition C1 to the EC type-examination certificate nr 0080.EXP.03.0046

| A1 - PRODUCT NAME | : | primer caps named |
| : | : | Percussion primer 51-9067-1 |
| : | : | Percussion primer 2-350160-1 |
| : | : | Percussion primer 2-350220-1 |

A2 - PRODUCT DESCRIPTION:

general identification:

- family
- sub-family
- case
- diameter
  - Percussion primer 51-9067-1: 9.52 mm (0.375")
  - Percussion primer 2-350160-1: 9.52 mm (0.375")
  - Percussion primer 2-350220-1: 12.24 mm (0.482")

- length
  - Percussion primer 51-9067-1: 4.80 mm (0.189")
  - Percussion primer 2-350160-1: 3.81 mm (0.150")
  - Percussion primer 2-350220-1: 4.80 mm (0.189")

- main charge
  - Percussion primer 51-9067-1: Ti / KClO4 / Glass / 0.035 g

- manufacturer's reference
  - Percussion primer 51-9067-1: 51-9067-1
  - Percussion primer 2-350160-1: 2-350160-1
  - Percussion primer 2-350220-1: 2-350220-1

general conditions:

- shelf life: 20 years
- limit temperatures
  - for use: 290 ºC / 1h
  - for storage: -54 ºC / +40 ºC
- All fire energy
  - 2-350160-1: 21 J
  - others: 12.2 J
- No fire energy
  - 2-350160-1: 9.8 J
  - others: 5.6 J
Appendix to the EC type-examination certificate nr 0080.EXP.03.0046

A3 - DOCUMENTATION:

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<th>reference</th>
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<th>origin</th>
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<td>05/03/2004</td>
<td>INERIS</td>
</tr>
<tr>
<td>JMo/ST – Ag CE 38/1</td>
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</tbody>
</table>

A4 - PARTICULAR CONDITIONS FOR USE:

to be specified depending on the particular use

A5 - MARKING:

- CE and symbol of Notified Body
  - in conformity with para 1 of module D in annex II of the Directive
- others
  - lot nr, certificate nr