



EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519 CE

CERTIFICATE NO: ENB/P/030/002 Issue 1

- **1. Product Type:** Propellant.
- 2. **Product Name:** PROPELLANT CARTRIDGES as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Baker Atlas
- 4. Applicant's Name: Baker Atlas
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Dr R K Wharton Director, GB Explosives Notified Body

19 July 2002



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/030/002 Issue 1

Part Number Product Designation

557381-000	Propellant Pack-Two 65 Grain Sticks
557414-000	Propellant Pack-Two 150 Grain Sticks
557445-000	Propellant Pack-Two 350 Grain Sticks
557486-000	Propellant Pack-One 700 Grain Stick
557525-000	Propellant Pack-One 500 Grain Stick
557533-000	Propellant Pack-One 600 Grain Stick
557556-000	Propellant Pack-Two 225 Grain Sticks
557624-000	Propellant Pack-One 800 Grain Stick







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519

CERTIFICATE NO: ENB/P/032/003 Issue 2

- **1. Product Type:** Propellant.
- 2. **Product Name:** E-GUN CARTRIDGES as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Baker Atlas
- 4. Applicant's Name: Baker Atlas
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Dr R K Wharton Director, GB Explosives Notified Body

25 April 2003



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/032/003 Issue 2

E-gun Cartridge Family 199250-709

039920-000	Cartridge Assembly E-Gun 3 1/4"
039555-000	Cartridge Assembly E-Gun 4.0"
138855-000	Cartridge Assembly E-Gun 3 1/4", 1/4" Bullet

E-Gun Powder Load Family 199250-710

131631-009	Cartridge Powder Load Assembly E-Gun 9.0 Grams
131631-011	Cartridge Powder Load Assembly E-Gun 11.0 Grams
131631-014	Cartridge Powder Load Assembly E-Gun 14.0 Grams







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519 0

CERTIFICATE NO: ENB/P/033/006 Issue 2

- **1. Product Type:** Propellant.
- 2. **Product Name:** COREGUN CARTRIDGES as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Baker Atlas
- 4. Applicant's Name: Baker Atlas
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Dr R K Wharton Director, GB Explosives Notified Body

30 June 2006



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/033/006 Issue 2

Coregun Cartridge Family 380 ⁰F 199250-706

110280-027Cartridge CM Powder Load 380 0 F 2.7 Gram110280-030Cartridge CM Powder Load 380 0 F 3.0 Gram110280-035Cartridge CM Powder Load 380 0 F 3.5 Gram110280-040Cartridge CM Powder Load 380 0 F 4.0 Gram110280-045Cartridge CM Powder Load 380 0 F 4.5 Gram110280-050Cartridge CM Powder Load 380 0 F 5.0 Gram110280-060Cartridge CM Powder Load 380 0 F 6.0 Gram

F110280127 Cartridge CM Powder Load 380 0 F 2.7 Gram F110280130 Cartridge CM Powder Load 380 0 F 3.0 Gram F110280135 Cartridge CM Powder Load 380 0 F 3.5 Gram F110280140 Cartridge CM Powder Load 380 0 F 4.0 Gram F110280145 Cartridge CM Powder Load 380 0 F 4.5 Gram F110280150 Cartridge CM Powder Load 380 0 F 5.0 Gram F110280160 Cartridge CM Powder Load 380 0 F 6.0 Gram

Coregun Cartridge Family 370 ⁰F 199250-707

110298-027Cartridge CM Powder Load 370 °F 2.7 Gram110298-030Cartridge CM Powder Load 370 °F 3.0 Gram110298-040Cartridge CM Powder Load 370 °F 4.0 Gram110298-050Cartridge CM Powder Load 370 °F 5.0 Gram110298-060Cartridge CM Powder Load 370 °F 6.0 Gram110298-070Cartridge CM Powder Load 370 °F 7.0 Gram







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519 CERTIFICATE NO: ENB/P/081/004 Issue 1

- **1. Product Type:** Propellant.
- 2. **Product Name:** IGNITERS AND POWER CHARGES as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Baker Oil Tools
- 4. Applicant's Name: Baker Oil Tools
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Dr R K Wharton Director, GB Explosives Notified Body

9 February 2004



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/081/004 Issue 1

Igniters

H437442200, BP-3S Primary Igniter H437444200, BP-4S Primary Igniter H437431000, Secondary Igniter H437461000, E-12 Igniter

Power Charges

H437665225, #05 Low Temp Slow Set Power Charge H437660700, #07 Slow Set Power Charge H437660010, #10 Slow Set Power Charge H437660020, #20 Slow Set Power Charge H437660550, #05 Slow Set Power Charge







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519

CERTIFICATE NO: ENB/P/129/011 Issue 2

- **1. Product Type:** Propellant.
- 2. **Product Name:** IMPULSE CARTRIDGES as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Cartridge Actuated Devices Inc.
- 4. Applicant's Name: Cartridge Actuated Devices Inc.
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Mr S Myatt Director, GB Explosives Notified Body

5 January 2011



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/129/011 Issue 2

Pressure Cartridge Kit, Breeze-Eastern Part No. BL-11140-1

(The Pressure Cartridge Kit contains an Impulse Cartridge, Breeze-Eastern Corporation Part No. BL-9280, Cartridge Actuated Devices Inc. Part No. 072066-1).







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519

CERTIFICATE NO: ENB/P/058/010 Issue 4

- **1. Product Type:** Propellant.
- 2. **Product Name:** SHOTGUN POWDERS as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Chemring Energetics UK Ltd.
- 4. Applicant's Name: Chemring Energetics UK Ltd.
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Mr P Shelley Director, GB Explosives Notified Body

18 May 2010



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/058/010 Issue 4

HCC Range

HCC24 HCC28 HCC30 HCC (C1) HCC (C3)

SOLO Range

SOLO 1000 SOLO 1250 SOLO 1500 SOLO 1750 SOLO 2000 SOLO 2250

NE Range

NE 28 NE 30 NE 32 NE 34 NE 36







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519

CERTIFICATE NO: ENB/P/068/010 Issue 4

- 1. **Product Type:** Propellant.
- 2. **Product Name:** NOBEL FIRE SYSTEM CARTRIDGES as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Chemring Energetics UK Ltd.
- 4. Applicant's Name: Chemring Energetics UK Ltd.
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate;

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Mr P Shelley Director, GB Explosives Notified Body

18 May 2010



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/068/010 Issue 4

Gas Generator GG1 Gas Generator GG2 Gas Generator GG3







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519

CERTIFICATE NO: ENB/P/119/010 Issue 2

- **1. Product Type:** Propellant.
- 2. **Product Name:** MECHANITE PROPELLANTS as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name and Address: Chemring Energetics UK Ltd.
- 4. Applicant's Name and Address: Chemring Energetics UK Ltd.
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Mr P Shelley Director, GB Explosives Notified Body

18 May 2010



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/119/010 Issue 2

Mechanite 1 Mechanite 2 Mechanite 5A Mechanite 10 Mechanite 11 Mechanite 13 Mechanite 14 Mechanite 16 Mechanite 17 Mechanite 21 Mechanite 22 Mechanite 23







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519 CERTIFICATE NO: ENB/P/096/006 Issue 1

- **1. Product Type:** Propellant.
- 2. **Product Name:** PYRODEX POWDERS as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Hodgdon Powder Co.
- 4. Applicant's Name: Edgar Brothers.
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Mr P Shelley Director, GB Explosives Notified Body

12 April 2010



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/096/006 Issue 1

Pyrodex Fines Pyrodex Pistol (known as "P") Pyrodex Extruded Pistol Pyrodex Rifle/Shotgun (known as "RS") Pyrodex Extruded Rifle/Shotgun Pyrodex Select (known as "S") Pyrodex Cartridge (known as "CTG") Pyrodex Overs Pyrodex Pellets







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519

CERTIFICATE NO: ENB/P/089/11 Issue 3

- 1. **Product Type:** Propellant.
- 2. **Product Name:** HODGDON IMR SMOKELESS POWDERS as listed in Annex 1 to this certificate.
- **3. Manufacturer's Name:** GD-OTS Canada and Thales Australia, for repackaging by Hodgdon Powder Company Inc.
- 4. Applicant's Name: Hodgdon Powder Company Inc.
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate; Annex 2: list of technical documents examined.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Mr S Myatt Director, GB Explosives Notified Body

2011



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/089/11 Issue 3

Double Base Powders (GD-OTS Canada Valleyfield)

Hi-Skor 700X Hi-Skor 800X

Single Base Powders (GD-OTS Canada Valleyfield)

IMR3031 IMR4064 IMR4198 IMR4227 IMR4320 IMR4350 IMR4831 IMR4895 IMR7828 IMR7828SSC PB SR4756 SR4759 SR7625

Single Base Powders (ADI Limited)

Trail Boss (AS25BP)







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519 CERTIFICATE NO: ENB/P/006/010 Issue 4

- **1. Product Type:** Propellant.
- 2. **Product Name:** PYRODEX AND TRIPLE SEVEN POWDERS as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Hodgdon Powder Company.
- 4. Applicant's Name: Hodgdon Powder Co. (UK) Ltd.
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Mr P Shelley Director, GB Explosives Notified Body

12 April 2010



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/006/010 Issue 4

Pyrodex Fines Pyrodex Pistol (known as "P") Pyrodex Extruded Pistol Pyrodex Rifle/Shotgun (known as "RS") Pyrodex Extruded Rifle/Shotgun Pyrodex Select (known as "S") Pyrodex Cartridge (known as "CTG") Pyrodex Overs Pyrodex Pellets

Triple Seven Fines Triple Seven FFFg Triple Seven FFg Triple Seven Fg Triple Seven Fg Triple Seven Overs Triple Seven Pellets







EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519 CERTIFICATE NO: ENB/P/083/004 Issue 1

- **1. Product Type:** Propellant.
- 2. **Product Name:** CARTRIDGES as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name: Kidde Aerospace
- 4. Applicant's Name: Kidde Aerospace
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Dr R K Wharton Director, GB Explosives Notified Body

28 May 2004



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/083/004 Issue 1

PART NUMBER	
Cartridge, Large Cup-Type	
446041	
446046	
446047	
878562	
878563	
876299-3	
876561-1	
876561-2	
877597-1	
877744-03	
877744-2	
Cartridge, Slug-Type	
472001	
897776	
898558	
898997	
472001-01	
841155-1	
872627-01	
872627-02	
873364-1	
873571-01	
873571-02	
874000-01	
894846-1	
895188-1	
895408-1	
895409-1	
897776-01	
897899-1	
897899-2	
897899-3	
898558-01	



Cartridge, Small Cup-Type	
283000	
46032	
46090	
46138	
46139	
46158	
46161	
46189	
46195	
46196	
46197	
46201	
46203	
46224	
46225	
46226	
46282	
46283	
46290	
46307	
46384	
46479	
46596	
46616	
46617	
46705	
46736	
46738	
46754	
378492	
78493	
62299-1	
62299-2	
46090-1	
46090-2	
46090-3	
46161-1	
46189-1	
46347-1	
46384-1	
46384-2	
46518-1	

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HEALTH & SAFETY LABORATORY

446582-1 446582-2 446582-3 876296-2 876296-3 876561-3
446582-3 876296-2 876296-3
876296-2 876296-3
876296-3
976561 2
8/0501-5
878492-1
878492-2
878493-1
878493-2
878562-1
878562-2
878563-1
878563-2
A805300-12







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EC TYPE EXAMINATION CERTIFICATE

NOTIFIED BODY NO: 0519

CERTIFICATE NO: ENB/P/074/13 Issue 2

- 1. **Product Type:** Propellant.
- 2. **Product Name:** CARTRIDGE UNITS as listed in Annex 1 to this certificate.
- 3. Manufacturer's Name and Address: Kidde Graviner Ltd., United Kingdom.
- **4. Applicant's Name and Address:** Kidde Graviner Ltd., United Kingdom.
- 5. Attachments to this Certificate: Annex 1: products covered by this certificate.

Being a notified body in accordance with the GB Statutory Instrument No 2714 (1993) and Directive 93/15/EEC of 5 April 1993 on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, the Explosives Notified Body certifies that the above type of product has been examined using Module B of the system for attesting conformity and has been found to conform with the manufacturer's specifications for the type and with the relevant requirements of the Statutory Instrument and the Directive.

Dr S Myatt Director, GB Explosives Notified Body

14 August 2013



ANNEX 1 TO EC TYPE EXAMINATION CERTIFICATE ENB/P/074/13 Issue 2

Description	
Cartridge, Electric No. 1 Mk. 3, 3 Pin, Type A717-3	Number 58311-003
Cartridge, Electric No. 1 Mk. 3, 2 Pin, Type A716-3	58311-004
Cartridge, Electric No. 3 Mk. 3, 2 Pin, Type A718-3	58311-006
Cartridge, Electric No. 3 Mk. 3, 3 Pin, Type A719-3	58311-007
Cartridge Unit 'A' (Souriau 6 Pin), Type 226A(1)	
Cartridge Unit 'B' (Souriau 6 Pin), Type 227A(1)	
Cartridge, Electric Operating, Fire Extinguisher No. 4 Mk. 1, Type 222A(2)	58311-010
Cartridge, Electric Operating, Fire Extinguisher No. 5 Mk. 1, Type 223A(2)	58311-011
Cartridge Unit, Type 254A	58311-012
Cartridge Unit Mk. 4, 2 Pin M.S., Type 214A(1)	58311-013
12V Cartridge Unit Assembly 2 Pin Plessey, Type A769-3	58311-014
Match Head Cartridge Unit, Type A1297	58311-016
Cartridge 2 Pin M.S. Type 264A(1)	58311-019
Cartridge Unit Mk. 3 55/85V D.C., 4 Pin Tuchel (Plessey), Type A1092(2)	58311-022
Cartridge 3 Pin M.S. Type 265A(1)	58311-024
Cartridge 2 Pin Plessey, Type 252A	58311-027
Cartridge 3 Pin Plessey, Type 253A(1)	58311-028
12V Cartridge Unit 2 Pin, Type A1143(1)	58311-029
Cartridge Unit Mk. 4, 2 Pin Plessey, Type 202A(1)	58311-036
Cartridge Unit, 2 Pin, Match Head Fuse, Type A1339	58311-037
Cartridge Unit	58311-040
Cartridge Unit	58311-045
Cartridge Unit	58311-046
Assembly of Cartridge (Obsolete)	58311-501
Assembly of Cartridge	58311-503
Assembly of Cartridge	58311-504
Assembly of Cartridge	58311-505
Squib Assembly (Used on 58311-019, -024, -027, -028)	44813-131
Squib Assembly (Used on 58311-019 as an alternative to 44813-131)	44813-138
Match Head Cartridge (Used on 58311-040)	44813-305
Squib Assembly (Used on 58311-045)	44813-306

