



Certificate of Verification

This is to certify that the

CSG 10506 Shallow Pit Road Blocker

V/7500[N2]/80/90:0/25

Supplied by:

Cova Security Gates Ltd

Unit C1, Sussex Manor Business Park, Crawley, West Sussex, RH10 9NH

has been assessed by The High Performance Assessment Ltd
and for the conditions stated on this certificate complies with:

**PSSA Specification PSP001: 2011
and other requirements of the PSSA Product Verification Scheme**

Product Registration No.: 00012
This certificate issued: 19 April 2013

HPA Certificate No.: 10011
Expiry Date: 18 April 2016

Signed on behalf of the HPA Ltd

A handwritten signature in black ink.

Director



A handwritten signature in black ink.

Scheme Manager



HPA carried out the verification based on the evidence provided.
PSSA reviewed this against Scheme requirements to confirm suitability for listing.

The Perimeter Security Suppliers Association
Airport House, Purley Way, Croydon, Surrey CR0 0XZ, UK
Tel: +44(0)20 8253 4509 Fax: +44(0)20 8253 4510 www.pssasecurity.org



Suppliers Management System

Assessment scope:

The design, manufacture, installation and maintenance of a range of perimeter security products and services.

UKAS accredited certification body: HPA Certificate No: 10010

Management System Verification

Evaluation of objective evidence provided by the supplier has permitted verification that:

- the maturity of the suppliers quality management system has reached a level that meets the requirements of the PSSA Product Verification Scheme
- the management system provides confidence in the capability to control design changes, manufacturing consistency and testing for the product(s) covered by this certificate
- suppliers published documentation, including operating instructions, installation procedures and marketing materials, make claims that can be substantiated in respect of product compliance with specified standards

Verified Product Performance

Product name and model number: CSG 10506 Shallow Pit Road Blocker

Product Description:

Shallow pit depth, impact tested road blocker suitable for antiterrorist applications.

Hostile Vehicle Impact Rating(s): V/7500[N2]/80/90:0/25

Vehicle Information:

Vehicle Type: Iveco cargo rigid truck

Vehicle weight: 7500kg

Vehicle speed: 80km/h

Impact Angle: 90 degrees

Vehicle Penetration Distance: 0.0 m

Dispersion: 25m

Test organisation (ISO 17025) certificate No: MIRA Ltd UKAS Cert. No: 2654

Test reports applicable to current product: MIRA-2005-1011075, D0156: 10 December 2005
NOTE: Not a UKAS accredited test.



Verified Product Compliance

The following regulations and standards have been applied to these products:

Health and safety requirements:

EC Directives

| | |
|--------------|---|
| 2006/42/EC: | Machinery Directive |
| 2006/95/EC: | Low Voltage Directive |
| 2004/108/EC: | Electromagnetic Compatibility Directive |
| 97/23/EC: | Pressure Equipment Directive |
| 93/68/EC | CE Marking Directive |

Compliance with internal and external regulations, codes of practice and applicable standards:

Safety of Machinery:

| | |
|-------------------------------|---|
| BS EN 349:1993 +A1: 2008 | Safety of Machinery. Minimum gaps to avoid crushing parts of the human body. |
| BS EN 953: 1997 +A1: 2009 | Safety of Machinery. Guards. General requirements for the design and construction of fixed and movable guards |
| BS EN 1037: 1995 +A1: 2008 | Safety of machinery. Prevention of unexpected start-up. |
| PD 5304: 2005 | Guidance on safe use of machinery. |
| BS EN ISO 12100: 2010 | Safety of machinery. General Principles for design. Risk assessment and risk reduction. |
| BS EN ISO 13849-1: 2008 | Safety of machinery. Safety related parts of control systems. General principles for design. |
| BS EN ISO 13857: 2008 | Safety of machinery. Safety distances to prevent hazard zones being reached by upper and lower limbs. |

Electrical:

| | |
|---------------------------------|---|
| BS 7671: 2008 +A1: 2011 | Requirements for electrical installations. IET Wiring Regulations. Seventeenth Edition. |
| BS EN ISO 13850: 2008 | Safety of machinery. Emergency stop. Principles for design. |
| BS EN60204-1: 2006 +A1: 2009 | Safety of machinery. Electrical equipment of machines. General requirements. |
| BS EN 60529: 1992 | Specification for degrees of protection provided by enclosures (IP code) |



Electromagnetic Compatibility:

- | | |
|------------------------------------|--|
| BS EN 61000-6-1: 2007 | Electromagnetic compatibility (EMC). Generic standards. Immunity for residential, commercial and light-industrial environments. |
| BS EN 61000-6-2: 2005 | Electromagnetic compatibility (EMC). Generic standards. Immunity for industrial environments. |
| BS EN 61000-6-3: 2007 +A1: 2011 | Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments. |
| BS EN 61000-6-4: 2007 +A1: 2011 | Electromagnetic compatibility (EMC). Generic standards. Emission standard for industrial environments. |

Pressure Equipment:

- | | |
|----------------------|---|
| BS EN ISO 4413: 2010 | Hydraulic fluid power. General rules and safety requirements for systems and their components. (CD-ROM) |
| BS ISO 1219-2: 2012 | Fluid power systems and components. Graphical symbols and circuit diagrams. Circuit diagrams. |

Other:

- | | |
|------------------|---|
| BSI PAS 68: 2005 | Impact test specification for vehicle security barriers. |
| BS 6571-4: 1989 | Vehicle parking control equipment. Specification for barrier type parking control equipment |

Exclusion of Liability The Perimeter Security Suppliers Association or HPA Ltd –

1. Has and accepts no liability whatsoever for any failure of any system or systems assessed under this Scheme or for the quality, fitness for purpose, or safety of any product or service which is the subject of such assessment,
2. Does not provide any representation or warranty as to any aspect of any such system, product or service, and
3. Hereby expressly exclude any and all liability or responsibility (however alleged to arise) for or in connection with the provision of any service or product or any use of any product, all and any such liability or responsibility attaching exclusively to the producer or supplier (or user as the case may be) thereof.