



Certificate of Verification

This is to certify that the

Terra V Gate (ATTL)

V/7500[N3]/80/90:0/0

Supplied by:

Frontier - Pitts Limited

Crompton House, Crompton Way, Crawley, West Sussex, RH10 9QZ

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.: 00004
This certificate issued: 8 December 2011

HPA Certificate No.: 10007
Expiry Date: 7 December 2014

Signed on behalf of the HPA Ltd

Signed on behalf of the PSSA

Director



Scheme Manager

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

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Suppliers Management System

Assessment scope:

The design, manufacture, installation & servicing of automatic security equipment for PSSA validation of the Terra V Gate (ATTL).

UKAS accredited certification body: BSI Group Certificate No: FS 26627

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: Terra V Gate (ATTL)

Product Description:

The Terra V Gate (ATTL) is a double leaf gate hinged at the sides and meeting such that a shallow V (140deg) is formed pointing toward the traffic. The free opening is 4.08M and the height above ground level is 3.03M

Hostile Vehicle Impact Rating(s): V/7500[N3]/80/90:0/0

Vehicle Information:
Vehicle Type: Daf FA55 180 Rigid Box Body 18t GVW
Vehicle weight: 7500kg
Vehicle speed: 80Km/h

Impact Angle: 90 degrees

Vehicle Penetration Distance: 0 m

Dispersion: 0 m

Test organisation (ISO 17025) certificate No: TRL Ltd. UKAS Cert No: 2721

Test reports applicable to current product: Test No B3541 SSI/153/07: 6TH September 2007



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

HSE 2:2002 - Best practice for the procurement and conduct of non destructive testing. Magnetic particle and dye penetrant inspection.

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

Safety of Machinery:

BS EN 954:1997 Safety of machinery. Safety related parts of control systems. General principles for design

BS 7036:1996 Code of practice for safety at powered doors for pedestrian use

BSENISO12100 -2:2003 Safety of machinery. Basic concepts, general principles for design. Technical principles and specifications.

BSEN 12604:2000 Industrial, commercial and garage doors and gates. Mechanical aspects. Requirements

BS EN 12453:200 Industrial, commercial and garage doors and gates. Safety in use of power operated doors. Requirements

BS EN 13241-1:2003 Industrial, commercial and garage doors and gates. Product standard. Products without fire resistance or smoke characteristics.

BSEN 60529:1992 Specification for degrees of protection provided by enclosures

Electrical:

BSEN60204-1:2006 Safety of machinery. Electrical equipment of machines. General requirements.

BS7671:2008 Requirements for Electrical Installations. IET Wiring Regulations. Seventeenth Edition.



Electromagnetic Compatibility:

BSEN61000-6-1:2001 Electromagnetic compatibility (EMC) Generic standards. Immunity for residential, commercial and light- industrial environments.

BSEN61000-6-3:2001 Electromagnetic compatibility (EMC) Generic standards. Emission standard for residential, commercial and light-industrial environments.

Generic:

PAS 68:2007 Impact test specification for vehicle security barriers.

PAS 69:2006 Guidelines for the specification & installation of vehicle security barriers

BS 2162:1996 Technical product documentation. Springs - Part 1: Simplified representation

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.