

Certificate of Acceptance

Certificate No: PA05/00273

Issue: 2

Valid from: 25 Aug 2011

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Product	Level crossing LED barrier boom lamps.
Manufacturer	Dorman Traffic Products Ltd Wennington Road, Southport PR9 7TN

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.

Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.

This certificate can only be amended by Network Rail Engineering directorate. Any alterations made by a different person will invalidate the entire certificate.

Scope of Acceptance

In accordance with Network Rail Specification RT/E/S/10073, Issue 1, February 1998.

For use on level crossings owned by Network Rail.

Specific conditions

When the LED lit barrier boom lights are fitted, the maintenance regime for the level crossing equipment shall provide for an annual visual check of all units from a distance of 50 metres, in normal daylight conditions, to ensure the light output is adequate to maintain visibility to road users.

Refer to the pages which follow for the product configuration and detailed conditions of use.

Authorised by



Eur. Ing. Steve Hailes MA, CEng, MIET, FIRSE
Professional Head, Signals & Telecommunications Engineering

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SPECIFIC CONDITIONS

1) Manufacturer

The Manufacturer shall:

- 1) Ensure that all products supplied under this certificate comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Acceptance Requirements and in any deed of warranty for this certificate number.
- 2) Notify Network Rail Technology Introduction Group:
 - a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).
 - b. Of any intended change to the accepted product; changes include:
 - i. a change to the product configuration (to the actual product or its application);
 - ii. a variation to or addition of manufacturing locations or processes;
 - iii. a change in the name or ownership of the manufacturing company;
 - iv. any changes to the ability or intention to support with technical services, spares or repairs.
- 3) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 4) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary.
- 5) Where applicable, specialist technical support, repairs and servicing of the product shall be carried out by the Original Equipment Manufacturer (OEM) or authorised agent only.

2) Conditions of Use

Specifiers, installers, operators, maintainers, etc. using the product shall:

- 1) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Technology Introduction Group.
- 2) Check that the application of use complies with the scope of acceptance.
- 3) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Technology Introduction Group.
- 4) Inform Network Rail Technology Introduction Group in writing of a change to the product configuration (or to the actual product or its application).
- 5) Operate, maintain and service the product in accordance with Network Rail standards and Operation and Maintenance manuals as appropriate.
- 6) Be appropriately trained and authorised for the installation, maintenance and use of the product.
- 7) Only send products for repair or reconditioning to the Original Equipment Manufacturer (OEM) or authorised agent.

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3) Compliance

Railways and Other Guided Systems (ROGS) Regulations

- 1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsor shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations
- 2) As required in Railway Group Standard GE/RT8270, at each use of this product the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with:
 - a. All rail vehicle types that have access rights over the area affected by the change
 - b. Infrastructure managed by others
 - c. Neighbours.

Railway Interoperability Regulations

- 3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI) where appropriate.
- 4) An authorisation from the national safety authority (i.e. the Railway Safety Directorate of the Office of Rail Regulation) is required before the equipment is to be used in revenue earning service.

4) Supply Chain Arrangements

- 1) This certificate of acceptance does not imply any particular quantity of supply nor any exclusivity of supply.
- 2) The product may be purchased by Network Rail or its agents, suppliers or contractors.
- 3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers.

5) Product Configuration

Accepted product range

Part No.	Description	PADS No.
D79.78002	Level crossing LED barrier boom lamp, nominal 24V dc	086/028738
BBL2N/R/2	Level Crossing LED barrier Boom Lamp, nominal 12V dc	086/024174

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6) Assessed Documentation

Reference	Title	Date and Applies to Cert. issue No.	
ARTEEST 0001	Amey Rail report containing type test reports from:- <ul style="list-style-type: none"> • Dorman Traffic Products Ltd. • AEA Technology plc. • Scientifics Ltd • LTC Ltd 	26.02.99	1
	Amey Rail letter	24.02.99	1
	John Walker engineering recommendation re amendment to the accepted product.	08.08.11	2
BBL2N/R/2_TS	Technical Specification 12 Volt Barrier Boom Light Unit		2

7) Certificate History

Issue Number	Date	Issue History
1	10.3.1999	First accepted for use.
2	25.8.2011	Second acceptance in order to cover the assessment of new 12V variant and amend the previous accepted version to include its application as a 24V variant.

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8) DISTRIBUTION

Manufacturer

Dorman Traffic Products Ltd
Wennington Road,
Southport
PR9 7TN
csp@dorman.co.uk

Project Manager

Jeremy Jackson
Project Engineering Manager [Asset]
Network Rail
Infrastructure Investment
jeremy.jackson@networkrail.co.uk

Simon Pears
Project Engineering Manager [Asset]
Network Rail
Infrastructure Investment
simon.pears@networkrail.co.uk

Orry King
Project Engineering Manager [Asset]
Network Rail
Infrastructure Investment
Orry.king@networkrail.co.uk

Andy Free
Project Engineering Manager
(Investment Projects S&E Western)
Network Rail
Andrew.free@networkrail.co.uk

For PADS records

URL
acceptancecert@unipartrail.com

DHL Ltd,
Blackpole Trading Estate
Blackpole
Worcester
WR3 8SG
inventory@dhl.com

Mark Coley
Nigel Draper
Serco Raildata Ltd,
Mark.Coley@serco.com
nigel.draper@serco.com

For Information/briefing

Nigel Beecroft
(Programme Manager (Telecoms))
Network Rail
nigel.beecroft@networkrail.co.uk

Andrew Ridley (CMS Planning &
Configuration Manager)
Competence and Training
Network Rail
Andrew.ridley@networkrail.co.uk

Mick Turner
Senior Signalling Design Engineer
Signalling System Design
Mick.turner2@networkrail.co.uk

Ron Checkman
Principal Engineer (Signalling)
Technology Team
ron.checkman@networkrail.co.uk
