



Acceptance Services
Network Rail
Floor 3, 40 Melton Street
London. NW1 2EE

Certificate of Acceptance

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Effective date: 24/02/2009009 Page 1 of 5

Product:	ABT4650 RouteScan
Manufacturer:	Abtus Ltd Falconer Road, Haverhill, Suffolk CB9 7XU

The product above is accepted for use on Network Rail infrastructure within the defined scope of acceptance and any specific conditions in the certificate. Failure to abide by the certificate requirements may lead to acceptance by Network Rail becoming invalid.

Scope of Acceptance

The product is to be used to obtain accurate structure surveys i.e. Arched Overbridges, Flat Deck Overbridges and Tunnels, in accordance with the handbook requirements for track access. The data will be created in SC0 format for use in ClearRoute™. The survey data will be used by various industry staff from maintenance, designers, Gauging Engineers, Vehicle builders, to be able to precisely calculate clearances of proposed vehicles.

Specific Conditions:

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

Authorised by:

James Allenden
Head of Plant



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SPECIFIC CONDITIONS

MANUFACTURER

Abtus Ltd :

- The product must not to cause interference with track circuit signalling,
- To provide clear instruction manual for uk market, which contains further information specific to NR & Gauging, explaining software files types such as SC0 which is required for ClearRoute™. Also importance of ensuring that these SC0 files are supplied to Network Rail Gauging engineers for review and input into the NGD (National Gauging Database).
- To provide an annual re-calibration service to ensure measurements within specification. To in ensure NR Gauging is kept informed of any wear and tear issues product and informed of results of re-calibration exercise for review of process.
- To offer a training option to educate all the users who are using the software. Abtus to ensure all are aware of what is required in producing an accurate structure survey and need to provide this to NR gauging NST. Abtus to assure NR that all using the equipment are competent.
- Must ensure that the latest relevant standards/ drawings are available and worked to, and that the product is compliant.
- Must notify Network Rail Acceptance Services:
 - Within 48 hours, of any deficiencies affecting the product quality, functionality and safety integrity of the product (including corrective action undertaken or proposed).
 - Of any intended change to the accepted product. Changes include:
 - a) a change to the product configuration (to the actual product or its application);
 - b) a variation to or addition of manufacturing locations or processes; and
 - c) a change in the name or ownership of the manufacturing company.
- To provide all documentation in the English (UK) language.
- To provide operating and maintenance manuals to purchasers/users of the product.
- To provide training manuals and an appropriate level of training to purchasers/users of the product.
- Shall comply with The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2005 and The Waste Electrical and Electronic Equipment Regulations 2006 known as the WEEE Regulations.

USER CLAUSES

GENERAL

- Where the equipment is used in a "Red Zone" the equipment and all personnel associated with the equipments use shall be able to be disengaged from and/or clear from the track to a place of safety at least 10 seconds before the passage of a train.
- There are no red zone clearance/timing issues due to the light weight and dimensions of this portable item.
- When Equipment is used in live conductor rail areas the safe systems of work and protection arrangements shall as a minimum meet the requirements of Network rail standards NR/WI/ELP/3091 and NR/GN/ELP/27138.



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- Laser Radiation DO NOT STARE INTO BEAM class 2 laser product Complies with
 - IEC 60825-1 (2001) "Radiation safety of laser products"
 - EN 60825-1 (2001) "Radiation safety of laser products"
- Appropriate PPE must be worn at all times whilst the equipment is being operated
- Equipment shall only be used in accordance with Abtus ABT4650-1 iss3 Route Scan Instruction Manual
- Users to ensure that the Product is kept in calibration. This will make sure that the measurements are within specification.
- Users must provide the created SC0 files from the structure surveys to Network Rail's Track Geometry and Gauging NST (National Specialist Team) for review and input into the NGD (National Gauging Database).
- Users of the product are responsible for ensuring compliance with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Acceptance Services.
- Each party in the Network Rail supply chain procuring and receiving the product is responsible for ensuring that it is fit for purpose and that the application of use complies with the scope of acceptance. Any product defect should be taken up immediately with the supplier. If the defect is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway this shall be reported in writing to Network Rail Acceptance Services.
- Anyone becoming aware of a change to the product configuration (to the actual product or its application); and a variation to or addition of manufacturing locations or processes, should inform Network Rail Acceptance Services in writing.
- All staff required to use the equipment shall be suitably trained and, where appropriate, qualified as competent to use it. Users must have attended the half day training course to ensure that they have the competence to use the equipment correctly.
- Products shall be maintained in accordance with the manufacturer's recommendations.
- Products shall be repaired / serviced by the manufacturer or its nominated agent only.
- Dispose of the product at the end of life in a responsible manner as per the guidelines of the WEEE regulations, including:
 - designated collection facilities supported by the distributor take-back scheme;
 - through a retailer in-store take-back scheme;
 - specific areas at civic amenity collection sites across the UK or at other specific collection facilities.

PRODUCT CONFIGURATION

System or Complete Assembly

Part No.	Description	PADS No.
ABT4650	RouteScan Gauge	057/075504
ABT4659	Target Pole (Optional Extra)	057/075505



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ASSESSED DOCUMENTATION

Reference	Title	Date and Applies to Cert. issue No.	
FM 25692	BSI systems BS EN ISO 9001:2000 Certificate of registration for Abtus Ltd.	15/07/08	1
4530-1	ABT4650 RouteScan Instruction Manual	Undated	1
Email	Email Mosley to Rennolds with certificate conditions.	12/08/08	1
GM/RT1310	Network Rail RVE Derby - GM/RT1310 Schedule for Abtus Route scan.	08/08/08	1

CERTIFICATE HISTORY

Issue Number	Date	Issue History
1	24/02/2009	First accepted for use.



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DISTRIBUTION

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