

Manufacturer:
Thomson Engineering

Issue : T1
Valid From : 14/03/2017
Valid To : 14/09/2017

EDC15-01 DECLIPPER

Product Description

A Heavy Duty RRV Attachment for Extracting Pandrol E and PR Clips.

Product Image



Scope of Acceptance

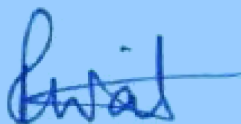
The EDC15-01 De-Clipper is granted **Trial Acceptance Only** in accordance with the terms and conditions identified on this certificate and associated reference documentation.

Trial authorised **14 Mar – 14 Sep 17**

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

Reviewed by:

Authorised by:



Rebecca Wait
Product Acceptance Co-ordinator



Malcolm Miles
Acting Head of Plant

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Specific Conditions

The following Conditions are specific to the approved product/s contained within this Certificate. These conditions must be adhered to in addition to the Network Rail General Conditions contained within the "General Terms and Conditions" section. Failure to adhere to these conditions may result in the withdrawal or suspension of Acceptance of some, or all of the items contained within the accepted configuration.

Manufacturer

- 1) See Terms and Conditions, Section 2 – Manufacturer at the end of this document

User

1)	This product must be operated and maintained in accordance with the Original Equipment Manufacture's instructions (OEM). All maintenance is to be conducted by the OEM and/or by suitably competent delegated maintainers.
2)	All staff must be deemed competent in accordance with OEM and industry training requirements.
3)	This product is only to be used in accordance with: <ul style="list-style-type: none"> • A compliant Safe System of Work • A work package plan, WARA/TRCS or company equivalent document • NR/PLANT/0200/MANUAL, Infrastructure Plant Manual • NR/L3/MTC/RCS0216/MP01 Use and Control of OTP, • NR/L3/MTC/RCS0216/MP07 Use of OTP with Attachments
4)	Prior to operation the user is responsible for conducting all pre use checks as defined within the Operators manual. If a defect is discovered before or during use the product must be immediately removed from service, labelled 'Do Not Use' and returned to the supplier.
5)	Not to be used in live 3rd or 4th rail areas.
6)	Possession working only - this product is only to be used in a possession in compliance with GE/RT8000 Rule Book.
7)	The RCI of the host machine must be functional and in operation when handling rail of any type or condition..
8)	All staff not involved with the operation of the equipment must remain out of the agreed exclusion zone.
9)	Never adjust the maximum hydraulic operating pressure above that recommended by the manufacturer; adjustments must only be made by authorised and trained personnel.
10)	Duplex communications must be used at all times.
11)	Appropriate PPE must be worn at all times whilst the equipment is being operated.
12)	The equipment must only be used in conjunction with a fully compatible host machine with the appropriate capacity.
13)	Inform Network Rail Technology Introduction Group in writing of a change to the product configuration (or to the actual product or its application).
14)	Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Technology Introduction Group.
15)	During de-clipping operation an agreed exclusion zone shall be maintained.
16)	Maximum permitted operating speed when pulling or thimbling rail is 3mph (5kmph).
17)	Equipment weight is 1,980kg
18)	When De-clipper is placed on track it shall be supported on its legs until the host machine is connected. WARNING - The adapter head is not intended for general lifting, when loading, unloading and handling the machine for transport use chains which attach to the lifting points.
19)	Duplex communications shall be used when operating the De-clipper.
20)	No staff are permitted to climb on or travel on the De-clipper attachment.
21)	No staff are permitted to enter or stand under the De-clipper when attached to the host machine.

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22)	Parts of the machine encroach below rail head level during use. A site survey shall be undertaken to assess potential damage to the infrastructure equipment prior to use.
23)	The De-clipper is suitable for use under live OLE when used in conjunction with a safe system of work in accordance with the requirements of GE/RT8024.

Trial Criteria *Applicable to EDC15-01 De-clipper Trials*

1)	The applicant shall ensure that the following training requirements are fully adhered to for the period of the trial: <ul style="list-style-type: none"> All personnel to be trained in accordance with authorised training documentation. Staff to be supervised by competent trained personnel. All operators to be briefed using Balfour Beatty Training Documents and must hold OTP Core, Compatible Host Machine Competency and OTP Attachment module 15 Fast-clipper. Machine Controllers must hold Machine Controller Attachment Group 1 (Ballast/Track Management) and have been briefed using Balfour Beatty Training Documents.
2)	Trail is for six months period only.
3)	A written report must be produced by Principle Contractor/plant supplier and include: <ul style="list-style-type: none"> Stakeholder feedback from operators, site supervision staff and controllers All completed work package plans Report must include a risk register of failures Product reliability/durability Maintenance and repair feedback
4)	As part of the trial testing of localised lighting of the de-clipping area must be undertaken with the item being addressed in the written report.
5)	As part of the trial testing of the wear to the protective rubber covers next to the de-clipping area must be undertaken with the item being addressed in the written report. Investigation must include the suitability of wear marking of the rubber covers.

Product Configuration

System or Complete Assembly

Part No.	Description	Catalogue No.
N/A	EDC15-01 DECLIPPER	N/A

Assessed Documentation

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
RFT211 EDC15-01 E-Clip de-Clipper	Certificate of Conformity	1	Jun 2016	T1
GB00553	BS EN ISO 9001:2008 Certificate	1	Exp 22 May 2018	T1
094034	RISQS Certificate	N/A	Exp 27 June 2017	T1

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Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
-----	Intellectual Property Rights Statement	N/A	03 May 2016	T1
-----	Video of Operations	N/A	N/A	T1
Email	Statement of operation as PTMP	N/A	02 Mar 2017	T1
Email	Product scope of operation and delivery into service statement	N/A	03 Mar 17	T1

Manuals and Training Materials

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
EDC15-01-inst-03	Operator's Instructions	3	Dec 2016	T1
EDC15-01-Maint-01	Maintenance Instructions and Parts List	3	Dec 2016	T1
TM001	Training Manual	1	01 Mar 2017	T1
-----	Practical Training Assessment Form	1	-----	T1
-----	Plant Operator Machine/Attachment Knowledge Assessment	1	-----	T1

Certificate History

Issue	Date	Issue History
1	14/03/2017	First Accepted for Trial Use

Contact Details

Manufacturer

Thomson Engineering Design Ltd
<mailto:david@thomsondesignuk.com>

Sponsor

Thomson Engineering Design Ltd
<mailto:david@thomsondesignuk.com>

Lead Reviewing Engineer

John Watt – Engineer M&EE (Plant and T&RS)-
Network Rail
<mailto:john.watt@networkrail.co.uk>

General Terms & Conditions

1) General

- 1) This certificate can only be amended by Network Rail Technology Introduction Group. Any alterations made by a different person will invalidate the entire certificate.
- 2) 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.
- 3) Upon the review date this certificate and the product it relates to is invalid and not accepted for use. Manufacturers are to make an application for a review prior to the review date.

2) Manufacturer

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The Manufacturer shall:

- 1) Ensure that all products supplied 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 the relevant 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) The Manufacturer shall provide Network Rail Technology Introduction Group at least 12 (twelve) months notice of its intention to discontinue supply or to provide such notice as is reasonable if such discontinuance is outside its control and will offer the opportunity of a Last Time Buy to Network Rail together with date for last order placement and supply of the parts affected. The introduction of proposed alternative products shall be communicated to the Network Rail Technology Introduction Group.
- 4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 5) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary
- 6) 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.
- 7) Network Rail may request information from the manufacturer to prove product compliance with clauses 1 and 2 above and reserve the right to suspend and/or withdraw any application where information is not forthcoming within a reasonable timeframe.
- 8) In accordance with Network Rail's Quality Assurance Policy Statement 2011, where the specification and/or Product Acceptance Certificates specify quality assurance classifications (QA1 to QA5) for the products, the manufacturer shall comply with the specified level of quality assurance for each product and allow Network Rail access to carry out its quality assurance checks.
- 9) The manufacturer shall give Network Rail's representatives access at all reasonable times to its premises and allow them to inspect its quality systems and production methods and, if requested, to inspect, examine and test the products both during and after their manufacture and the materials being used in their manufacture.

3) 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 relevant certificate's 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.
- 8) Users are to be aware that Product Acceptance is not a substitute for design approval.

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4) 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.

5) Supply Chain Arrangements

1) Certificates of acceptance do not imply any particular quantity of supply nor any exclusivity of supply.

2) Products 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.