

Certificate of Authorisation of Variation

Classification: NC1

Standard Details

Title: Rail Industry Standard for Engineering Acceptance of On-Track Plant and Associated Equipment
Ref: RIS-1530-PLT **Issue No.** 5 **Date of Issue:** 7 June 2014
Clauses: 3.3.2
Function: Rail Mounted Vehicle & Plant

Variation Details

Route / Project: HQ
Delevery Unit(s) / Area(s): National

Type: Temporary Variation
Applicant: Philip Shovlin Plant Hire Ltd
Tracker No: 29913

Summary of Variation

The extension of current Engineering Expiry Date to allow trailers to stay in service till all work can be executed and certificated.

Due to the timescales involved the current EA certs will expire before the upgrade work and recertification can be conducted.

Action to Achieve Compliance

All trailers identified for upgrade are been subject to a full refurbishment including upgrade to air / oil braking and the replacement of all major hoses as required, improved LED lighting and re paint as well as the required engineering enhancements for EC certification.

The refurbishment process will run in tandem / conjunction with the recertification upgrade work and be carried out in batches of four so four trailers will be out of service at any one time to facilitate this work.

Certificate Conditions

Geographical Scope/Equipment Involved

All the trailers are utilised in the Northwest of England and are operated by Shovlin Plant Hire in support of the NWR maintenance contract for Manchester DU along with Crewe, Liverpool and Preston.

The trailers are also used on the NWR infrastructure for rail business in the delivery of civils and project work.

38 off Rexquote Trailers - Vehicle Nos.:

99709010381-0, 99709010382-8, 99709010383-6, 99709010384-4, 99709010385-1, 99709010386-9, 99709010387-7,
99709010388-5, 99709010389-3, 99709010390-1, 99709010391-9, 99709010392-7, 99709010393-5, 99709010394-3,
99709010395-0, 99709010396-8, 99709010397-6, 99709010398-4, 99709010399-2, 99709010400-8, 99709010401-6,
99709010402-4, 99709010403-2, 99709010404-0, 99709010405-7, 99709010406-5, 99709010407-3, 99709010408-1,
99709010409-9, 99709010410-7, 99709010411-5, 99709010412-3, 99709010413-1, 99709010414-9, 99709010415-6,
99709010416-4, 99709010417-2, 99709010419-8.

Brief Details of Requirements

3.3.2

The initial Engineering Acceptance Certificate shall be dated for a maximum life of seven years, at which time it is permissible for the vehicle to be re-accepted to the applicable documents current at the time of re-certification.

Action Taken & Why Not Practicable

All trailers to be removed from service when their existing EA certs expire and quarantined until all upgrade work is completed and machines are recertificated.

All trailers will be converted to air / oil braking and this will be carried out over the next 18 months subject to A J Hargreaves being able to supply the required conversion kits.

Arrangments have been made internally so enough engineering support is available to deal with installation as part of the upgrade / refurbishment programme.

AJH will carry out the required cross checks prior to the trailers being re-submitted for re-certification.

Severity/Degree

Trailers will have a temporary extension to current EA approval until all trailers can be reworked and upgraded to current standard and recertificated accordingly.

Control of Risk During Period of Variation/Alternative Measures

Trailers have a high reliability record which is supported by RRS data. All trailers are operated on a weekly basis and subjected to LOLER and 12 monthly inspections are per current approved maintenance plan.

Authorised By - Malcolm Miles - Head of Plant

Certificate Issued Date 14 March 2017

Reviewed By - Ian Morgan - Principal Plant Engineer

Certificate Expiry Date 31 March 2019

Actioned By - Mike Lomas - Senior Engineer



ENGINEERING ACCEPTANCE CERTIFICATE

This certificate issued in accordance with RIS-1530-PLT Issue 4.

NAME OF CERTIFICATION BODY

Atkins Rail

ACCREDITATION CODE

NS

Vehicle Class/Description Rail Mounted Trailer - Rexquote Type T4S (Type OA Trailer)

Vehicle Owner Phillip Shovlin Plant Hire Ltd

Issue Date 5th April 2013

Expiry Date 31st March 2017

Vehicle Numbers: See Vehicle Numbers Page 2

FIRST OF CLASS

Certificate number of First of Class

YES	NO
	X

N/A

Authorised by :

Signatory Name:

SP Rice

Authorised Signatory:

Reason for issue and Scope of Work

Previous scope of work;

Modification to incorporate Service Brakes in accordance with Rexquote Drawing No. HCD0141, fitted to T4 trailers, 1473, 1485, 1517, 1518, 1527, 1528, 1529, 1530, 1547, 1548, 1549, 1584, 1585, 1586, 1587, & 1592, to become identified as T4S trailers.

Incorporation of previously upgraded T4S trailers on to this certificate (ref NS/5024/09).

Scope of work for this certificate;

Expiry date corrected.



Deviations associated with this certificate: None

Previous Engineering Acceptance certificate numbers: NS/5077/13

	Identification Number	Issue No.	Date
Maintenance plan Id.	SPMM0002	3	06/11/2009
Maintenance plan title	Philip Shovlin Maintenance Document		

Vehicle Numbers

99709010381-0, 99709010382-8, 99709010383-6, 99709010384-4, 99709010385-1, 99709010386-9, 99709010387-7, 99709010388-5, 99709010389-3, 99709010390-1, 99709010391-9, 99709010392-7, 99709010393-5, 99709010394-3, 99709010395-0, 99709010396-8, 99709010402-4, 99709010403-2, 99709010407-3, 99709010408-1, 99709010409-9, 99709010410-7, 99709010411-5, 99709010413-1, 99709010414-9, 99709010415-6, 99709010416-4, 99709010417-2, 99709010397-6, 99709010398-4, 99709010399-2, 99709010400-8, 99709010401-6, 99709010404-0, 99709010405-7, 99709010406-5, 99709010412-3.

Limitations of Use

1. Max GVW not to exceed 24 Tonnes (21 Tonnes payload evenly distributed).
2. Personnel are NOT permitted to ride on the trailer (unless the Rexquote Personnel Transporter PT1 is fitted).
3. Trailer must only be used in conjunction with a Vehicle that has compatible systems to operate trailer brakes, lights and breakaway indication.
4. Trailer Parking Brake On – Off indicator is provided.
5. Trailer is NOT permitted to travel outside a possession.
6. Trailer must only be placed on or off track and loaded/unloaded in a Green Zone.
7. Trailer must only be placed on or off track or travelled by authorised personnel in accordance with Mandatory Rules and Regulation, equipment operating instructions and the operators declared safe system of work.
8. Adjacent lines must be protected when placing the trailer on or off track.
9. Trailer can be used under live OLE, but must NOT be used in Live conductor areas.
10. Trailer cannot be relied upon to operate spring loaded points.
- 11 Maximum travelling speed – 10 mph. Speed over Points and Crossings – 5 mph.
12. Maximum track cant 200mm, maximum gradient 1 in 29.

Vehicle Data

Route Availability Number:	(Laden) No change	(Tare) No change
Maximum Speed (mph):	(Laden) No Change	(Tare) No Change
Applicable Gauge or Portfolio Reference: No Change		
Applicable Braking Curve(s):	No Change	
Minimum Curve Radius:	No Change	