

ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

This certificate is issued in accordance with RIS-1530-PLT Issue 6

NAME OF CERTIFICATION BODY
AEGIS Certification Services Ltd


ACCREDITATION CODE
AC

Machine Class/Description Thwaites TD12 Type 9B
Machine Owner Shovlin Plant Hire Ltd
Issue Date 20th February 2024
Expiry Date 16th February 2031

Machine Number: **99709 949029-1**

First of Class No
Certificate Number of First of Class AC/0167/22

Authorised by:


AOS-ACL-556
B. A. Clarke
AEGIS PAB Signatory



Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:

Amendment to Limitations of Use 9. To include additional towing details missed from certificate IF/0885/06.

This certificate:

Upgrade to RIS-1530-PLT, Issue 6

Deviations Associated with this Certificate

Tracker Number TR99559
Description To permit certification to RIS-1530-PLT, Issue 6 after publication of RIS-1530-PLT, Issue 7.

Previous Certificate Number: NS/5118/15

Approved User Documentation

ID No.	Title	Issue No.	Date
SPMM0005	Shovlin Plant Hire Ltd – Thwaites TD12 Maintenance Plan	3	March 2022

Machine Data

Gross Mass	20,000 kg	Tare mass	9,500 kg
Gauge	Plant	Work equipment gauge exceedance	See module table

Approved Values

Maximum number of people	2	Payload	10,500 kg
Maximum towed load	0 kg	Maximum number of trailers	0
Maximum non-service braked towed load	0 kg		

Approved Track Conditions

	Travelling Mode	Working Mode	On/off-tracking
Maximum gradient	1:25	1:25	1:25
Maximum cant	200 mm	150 mm	150 mm
Minimum curve radius	80 m	80 m	

Use in Electrified Areas

		Travelling Mode	Working Mode	On/off-tracking
Overhead Line Equipment	Live	See module table		
	Isolated	See module table		
3rd / 4th Rail	Live	No	No	No
	Isolated	Yes	Yes	Yes

Approved Maximum Speeds

	Travelling Mode	Working Mode
Plain Line	16 mph	1.5 mph
Switches and Crossings	5 mph	1.5 mph
Raised check and guard rails	5 mph	1.5 mph
Reverse	3 mph	1.5 mph

Limitations of Use

1. The machine is not permitted outside of a possession.
2. The machine exceeds the stated gauge in working mode, see Machine Data section of this ECC. The machine may be used with adjacent lines open to traffic only if a safe system of work to be adopted has taken account of gauge exceedance.
3. If adjacent lines are open to traffic, this machine shall be used only if a safe system of work has been adopted to take account of the extra gauge exceedance caused by attachments.
4. Not to be used ALO on LU.
5. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
6. The machine cannot be relied upon to activate train operated points.
7. The maximum number of people to be transported on the machine shall not exceed the value given in the Machine Data section of this ECC.
8. The maximum payload shown in the Machine Data section of this ECC shall not be exceeded.
9. The maximum number of towed / propelled trailers shall not exceed the value given in the Machine Data section of this ECC.
10. The maximum towed / propelled load shall not exceed the value given in the Machine Data section of this ECC.
11. The machine shall not exceed any speeds given in the Approved Maximum Speeds section of this ECC.
12. Ground staff shall control reverse movements.
13. The machine shall not travel on live conductor rail lines.
14. The machine shall not work on live conductor rail lines.
15. The machine shall not be used predominantly in enclosed locations.
16. The machine is suitable for on/off-tracking, traveling and working under live OLE when used in conjunction with a safe system of work as per the table below.

Module Table

Module	Work ALO	On / Off track under live OLE	Work under live OLE	Travel under live OLE	Working mode max vertical exceedance mm	Working mode max lateral exceedance mm
3 Way Tipping Body	Yes	Yes	No	Yes	N/A	720
4 Cubic Metre Concrete Mixer	Yes	Yes	No	Yes	N/A	460
Jet Vac	Yes	Yes	No	Yes	959	1306
Flat Deck	Yes	Yes	Yes	Yes	N/A	N/A
Ballast Distributor	Yes	Yes	Yes	Yes	N/A	240
Tanker	Yes	Yes	No	Yes	N/A	N/A

Supplementary Information

1. The machine's re-approval for seven years was assessed against RIS-1530-PLT issue 6.
2. The machine is a Rexquote conversion of a Thwaites TD12 road vehicle.
3. The machine is approved for use with the following Demountable Modules:
 - 3 way tipping skip
 - 4 cubic metre concrete mixer
 - Water jetting/suction unit
 - Flat bed body
 - Ballast distributor
 - Water tanker
4. The machine is not fitted with a Movement Limiting Device.

Serial Number	1-196663
Rexquote Number	1151
Road Registration	X401 ATD