



## ON-TRACK PLANT

### ENGINEERING CONFORMANCE CERTIFICATE

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

<b>NAME OF CERTIFICATION BODY</b>	<b>ACCREDITATION CODE</b>
<b>AEGIS Certification Services Ltd</b>	<b>AC</b>

<b>Machine Class/Description</b>	Thwaites TD12 Type 9B
<b>Machine Owner</b>	Shovlin Plant Hire Ltd
<b>Issue Date</b>	6 <sup>th</sup> May 2022
<b>Expiry Date</b>	21 <sup>st</sup> April 2029

**Machine Number:**            **99709 949027-5**

<b>First of Class</b>	Yes
<b>Certificate Number of First of Class</b>	AC/0167/22

**Authorised by:**



Sam Barrett  
AEGIS PAB Signatory

**Official Stamp**



#### Reason for Issue and Scope of Work

Previous Certificate:

Upgrade to RIS-1530-PLT, issue 5, June 2014  
Tracker 14788; to allow the continued usage of listed vehicles to continue towing and propelling trailers with hydraulic service and park brakes.

This certificate:

Upgrade to RIS-1530-PLT issue 6

**Plant Asset Manager Copy**

**Certificate Number: AC/0167/22**

**Deviations Associated with this Certificate**

**Tracker Number**           None  
**Description**               None

**Previous Certificate Number:** NS/5624/14

**Approved User Documentation**

<b>ID No.</b>	<b>Title</b>	<b>Issue No.</b>	<b>Date</b>
SPMM0005	Shovlin Plant Hire LTD Thwaites TD12 Maintenance Plan	3	March 2022

**Machine Data**

<b>Gross Mass</b>	22,600 kg	<b>Tare mass</b>	9,500 kg
<b>Gauge</b>	Plant	<b>Work equipment gauge exceedance</b>	See module table

**Approved Values**

<b>Maximum number of people</b>	2	<b>Payload</b>	13,100 kg
<b>Maximum towed load</b>	0 kg	<b>Maximum number of trailers</b>	0
<b>Maximum non-service braked towed load</b>	0 kg (zero)		

**Approved Track Conditions**

	<b>Travelling Mode</b>	<b>Working Mode</b>	<b>On/off-tracking</b>
<b>Maximum gradient</b>	1:25	1:25	1:25
<b>Maximum cant</b>	200 mm	150 mm	100 mm
<b>Minimum curve radius</b>	80 m	80 m	

**Use in Electrified Areas**

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

**Approved Maximum Speeds**

	<b>Travelling Mode</b>	<b>Working Mode</b>
<b>Plain Line</b>	16 mph	1.5 mph
<b>Switches and Crossings</b>	5 mph	1.5 mph
<b>Raised check and guard rails</b>	5 mph	1.5 mph
<b>Reverse</b>	3 mph	1.5 mph
<b>Towing</b>	10 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	1-98350
Rexquote Number	1393
Fleet Number	TD12-1393

Authorised by:

Sam Barrett  
AEGIS PAB Signatory