



ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

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

NAME OF CERTIFICATION BODY

The Atkins Notified Body

ACCREDITATION CODE

NS

Machine Class/Description Road Rail Machine Thwaites 6T Swivel Skip
Dumper - (Type 9B)

Machine Owner L&W Contractors Ltd

Issue Date 03 January 2018

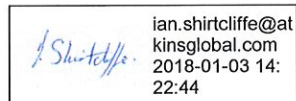
Expiry Date 03 November 2024

Machine Number: 99709 943057-8

First of Class No

Certificate Number of First of Class NS/0225/17

Authorised by:



Ian Shirtcliffe
Atkins OTP and OTM Signatory

Official Stamp

The Atkins Notified Body
A UKAS Accredited
Certification Body No:
6162

Reason for Issue and Scope of Work

Previous Certificate:

Clarification of gauge exceedances from plant gauge.

Scope of work for this certificate;

Correction of expiry date to 03/11/2024.
Expiry date conforms to RIS-1530-PLT

Reference I/D 5156334.150

Certificate Number. NS/0274/18

Deviations Associated with this Certificate

Reference None
Title None

Previous Certificate Number: NS/0225/17

Approved Maintenance Instructions

ID No.	Title	Issue No.	Date
RQM6004	Thwaites 6T & 8T Dumper, operating and maintenance manual.	1	30/10/2017

Machine Data

Gross Machine Weight	13.0 tonnes	Gauge	Plant (with Exceedances)
Tare Weight	7.0 tonnes	Payload	6 tonnes

Limitations of Use

1. The machine shall only operate inside a possession.
2. The machine shall not on/off track, travel or work with adjacent lines open to traffic.
3. The machine shall not on/off track, travel or work on live 3rd or 4th rail lines.
4. The machine may on/off track, travel and work under live OLE when used in conjunction with a safe system of work.
5. The machine will not operate spring-loaded points.
6. The maximum is not permitted to tow or propel trailers.
7. The machine is not permitted to work with attachments.
8. Loads shall only be carried in the skip, the maximum payload given in the Machine Data section of this ECC shall not be exceeded. To ensure stability, care should be taken when discharging the skip to the low side of cant.
9. In working mode, the Machine exceeds plant gauge by
 - a. 215mm when swivelling the skip to the side
 - b. 170mm to the top when the skip is tipped (the skip does not vertically exceed W6a)
 - c. By a maximum of 316mm to the side when the skip is partially tipped and swivelled.
 - d. Refer to Operators manual for full gauge exceedance details.

10. The machine shall be used as defined in the following table

Maximum speed on plain line	16 mph	Maximum speed over S&C	5 mph
Maximum speed over raised check and guard rails	5 mph	Minimum curve radius	80 m
Maximum gradient	1:25	Maximum working cant	150 mm
Maximum on/off-track gradient	1:25	Maximum on/off-track cant	100 mm
Maximum recovery speed	5 mph		

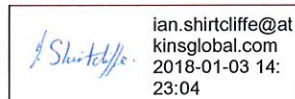
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Certificate Number. NS/0274/18

Supplementary Information

1. Machine is a conversion of a Thwaites 6 Tonne swivel skip road dumper.
2. Machine operates on rail in high mode only.
3. Machine has seating for driver only.
4. Thwaites Serial No. A1738
5. Rexquote No. 1798

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