

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

Vehicle Class/Description Colmar T10000 FS (Type, 9B)

Vehicle Owner L&W Contractors

Issue Date 22nd August 2017

Expiry Date 18th August 2024

Vehicle Number: 99709 940266-8

First of Class No

Certificate Number of First of Class NS/0116/17

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:

Fitment of direct rail wheel braking system fitted in accordance with Allan J Hargreaves General Arrangement Drawing AJH/RWB/ASY/001.
Scrutiny of associated maintenance plan AJH038, Issue 2.

Scope of work for this certificate;

Upgrade to RIS-1530-PLT Issue 6.
Increase in on/off-tracking cant to 150mm.
Removal of mechanical height limiter.

Deviations Associated with this Certificate

Reference None
Title None

Previous Certificate Number: RT/EA/0265/12

Approved Maintenance Instructions

ID No.	Title	Issue No.	Date
AJH038	Type 9b rail wheel braking system operation and maintenance	7	18/02/16
AJH080	Hydrovane Compressor Maintenance	1	22/04/14
AJH111	Colmar T10000 Operation and Maintenance Handbook	1	13/06/17
AJH113	Equipotential Bonding	1	06/06/2017
QM6/WI/06	Vehicle Maintenance Plan – Colmar T10000FS	2	August 2017

Machine Data

Gross Weight	31330 kg	Gauge	Plant Gauge
Maximum No. Trailers	2	Maximum Towed Load	46 tonnes
Dipper end SWL	15 tonnes	Air Brake Pressure	8.5 bar
Tail swing gauge exceedance (retracted)	290 mm	Tailswing gauge exceedance (extended)	790 mm
Tailswing height	1550 mm		

Limitations of Use

1. The machine shall only operate inside possessions.
2. This 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. This Machine is fitted with a lateral movement limiting device (MLD). This system has NOT been approved as High Performance and is NOT permitted to operate under ALO configuration where a High Performance MLD is required.
4. Permitted number of personnel to be carried:2 in cab.
5. The machine shall not on/off-track with any load, including attachments, on the end of the boom.
6. The machine must be in its travel mode gauge during on/off-tracking.
7. The machine shall not on/off-track in conductor rail areas.
8. This Machine is fitted with a height limiting device. This system has NOT been approved as a High Performance MLD and is NOT permitted to operate under energised OLE.
9. The machine may on/off-track and travel under live OLE when used in conjunction with a Safe System of work.
10. The machine shall not on/off-track, travel or work on live conductor rail lines.

11. Where an attachment is known to have a significant adverse effect on stability the RCI shall always be in 'Lift Mode' when using the attachment.
12. Maximum towed/propelled load (see Machine Data section of this ECC) shall not be exceeded exceed.
13. The machine is to proceed at walking speed and ground staff control the movement in reverse until the superstructure can be slewed to face direction of travel.
14. The machine may only operate with the access adjacent to a cess or a line closed to all train movements or the documented safe system of work must take account of adequate safe clearances to adjacent lines.
15. The machine shall be used as defined in the following table;

Maximum traveling speed	10 mph	Maximum working speed	5 mph
Maximum speed through S&C	5 mph	Maximum speed through raised check and guard rails	5 mph
Maximum towing/propelling speed	10 mph	Maximum gradient	1:25
Maximum on/off-tracking cant	150 mm	Maximum on/off-tracking gradient	1:25
Maximum travelling cant	200 mm	Maximum working cant	150 mm
Minimum radius curve	80 m		

Supplementary Information

1. A range of attachments may be used with this machine in association with the rated capacity indicator and duty charts, including:

• Quick Hitch	• General Purpose Earth Moving Buckets
• Front Loading Bucket	• Ballast Profiling Bucket
• Earth Moving Clamsheel Grab	• Lifitng Hook Assembly
• Lifitng Accessories	• Hydraulic Breaker
• Hydraulic Auger	• Rail Cropper
• Hydraulic Rail/Log Grab	• Sleeper Forks
• Rail Turner	• Rail Thimble
• Manipulator	• Newag Double Tamping Bank
• Flail Cutting Head	• Fast Clipper
• Ballast Broom	

2. RCI software version 9.28
3. Serial Number: 7794
4. Fleet Number: 113
5. Duty chart reference
 - Counterweight (CW) out: CW OUT, Serial Number SN7794 113, Date 02-Aug-2017
 - Counterweight in: CW IN, Serial Number SN7794 113, Date 02-Aug-2017

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