

ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

This certificate is issued in accordance with RIS-1710-PLT Issue 2.1

NAME OF CERTIFICATION BODY

AEGIS Certification Services Ltd

ACCREDITATION CODE

AC

Machine Class/Description Colmar T10000 FS (Type 9B)

Machine Owner L&W Contractors Ltd

Issue Date 29th February 2024

Expiry Date 28th February 2031

Machine Number: 99709 940266-8

First of Class Yes

Certificate Number of First of Class AC/0075/24

Authorised by:



AOS-ACL-588

B. A. Clarke
AEGIS PAB Signatory



Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:

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

This certificate:

Upgrade to RIS-1530-PLT Issue 6.
Existing GKD system with AJH proportional Spaceguard system added.

Deviations Associated with this Certificate

Tracker Number TR97695
Description To permit certification to RIS-1530-PLT, Issue 6 after publication of RIS-1530-PLT, Issue 7.

Previous Certificate Number: NS/0143/17

Approved User Documentation

ID No.	Title	Issue No.	Date
AJH038	Type 9b rail wheel braking system operation and maintenance	9	27/09/18
AJH080	Hydrovane Compressor Maintenance	1	22/04/14
AJH111	Colmar T10000 Operation and Maintenance Handbook	2	15/05/19
AJH113	Equipotential Bonding	2	19/02/18
QM6/WI/06	Vehicle Maintenance Plan – Colmar T10000FS	2	Aug 2017

Machine Data

Gauge	Plant	Gross Mass	31 600 kg
Air service brake pressure	8.5 bar	Air park brake pressure	8.5 bar
Tailswing gauge exceedance (Retracted)	290 mm	Tailswing gauge exceedance (Extended)	790 mm
Tailswing Height	1550 mm	Work equipment gauge exceedance	5890 mm
Software version (inc. RCI)	9.61		

Approved Values

Maximum number of people	2	Main load lifting point SWL	15 000 kg
Maximum towed load	46 000 kg	Maximum number of trailers	2
Maximum non-service braked towed load	0 kg (Zero)		

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	Yes	Yes	Yes
	Isolated	Yes	Yes	Yes
3rd / 4th Rail	Live	No	No	No
	Isolated	Yes	Yes	Yes

Approved Maximum Speeds

	Travelling Mode	Working Mode
Plain Line	10 mph	5 mph
Switches and Crossings	5 mph	5 mph
Raised check and guard rails	5 mph	5 mph
Reverse	3 mph	3 mph
Towing	10 mph	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. 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.
5. Not to be used ALO on LU.
6. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
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 number of towed / propelled trailers shall not exceed the value given in the Machine Data section of this ECC.
9. The maximum towed / propelled load shall not exceed the value given in the Machine Data section of this ECC.
10. The machine shall not exceed any speeds given in the Approved Maximum Speeds section of this ECC.
11. 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.

12. The machine is suitable for On/off-tracking, traveling and working under live OLE when used in conjunction with a safe system of work.
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. 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.
17. Lifts shall not exceed any SWL given in the approved values section of this ECC.

Supplementary Information

1. The machine's re-approval for seven years was assessed against RIS-1530-PLT issue 6.
2. The machine is a T10 000FS road rail conversion by Colmar.
3. The machine is fitted with a boom of 3.70m + Dipper of 2.10m.
4. The machine is fitted with foam filled tyres.
5. The machine is fitted with a High-Performance GKD Space guard Movement Limiting Device.
6. Duty chart Counterweight in reference: Colmar T10000FS, Serial No. SN 7794 113, 3.70m+2.10m, CW IN, Dated 2-AUG-2017.
7. Duty chart Counterweight out reference: Colmar T10000FS, Serial No. SN 7794 113, 3.70m+2.10m, CW OUT, Dated 2-AUG-2017.

Serial Number	7794
Fleet Number	113