



ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

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

NAME OF CERTIFICATION BODY

ACCREDITATION CODE

AEGIS Certification Services Ltd

AC

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

Vehicle Owner L & W Contractors Ltd

Issue Date 24th May 2019

Expiry Date 24th May 2026

Vehicle Number: **99709 940735-2**

First of Class Yes

Certificate Number of First of Class AC/0077/19

Authorised by:



JP Court
AEGIS PAB Signatory

Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:

Fitment of Rail Wheel Braking system in accordance with Allan J Hargreaves General arrangement drawing AJH/RWB/ASY/009 and the associated maintenance documentation AJH038 issue 3.

This certificate:

Increase on/off tracking cant to 150mm.

Upgraded to comply with the requirements within RIS-1530-PLT-Issue 6.

Network Rail Asset Info. Copy

Certificate Number: AC/0077/19

Deviations Associated with this Certificate

Reference None
Title None

Previous Certificate Number: RT/EA/0177/13

Approved Maintenance Instructions

ID No.	Title	Issue No.	Date
AJH111	Colmar T10000 Operation Instruction handbook	2	15/05/19
QM6/W1/06	Vehicle Maintenance Instruction Handbook Colmar T10000 FS	2	15 th August 2017

Machine Data

Gross Mass	31250 kg	Gauge	Plant
Front end gauge exceedance	6420 mm	Tailswing Height	1600 mm
Tailswing gauge exceedance (counterweight retracted)	340 mm	Tailswing gauge exceedance (counterweight extended)	840 mm
Maximum Hydraulic park brake pressure	30 bar	Maximum air service & park brake pressure	8.5 bar
Software version (inc. RCI)	V9.47		

Approved Values

Maximum number of people (cab)	2	Dipper SWL	15000 kg
Maximum towed load (maximum gradient 1:29)	70,000 kg	Maximum number of trailers	4
Maximum towed load (maximum gradient 1:25)	48,000 kg	Maximum number of trailers	3

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	

Approved Maximum Speeds

	Travelling Mode	Working Mode
Plain Line	12.5 mph	5 mph
Switches and Crossings	5 mph	5 mph
Raised check and guard rails	5 mph	5 mph
Reverse	10 mph	10 mph
Towing	10 mph	10 mph

Limitations of Use

1. The machine shall not be used outside a possession.
2. Mirrors must be folded in for travelling.
3. Machine in travelling mode is within W6a gauge and exception for road wheels as allowed by RIS-1530-PLT.
4. This machine is suitable for On/off-tracking and traveling under live OLE when used in conjunction with a safe system of work.
5. This machine is suitable for On/off-tracking, traveling and working under the live OLE when used in conjunction with a safe system of work.
6. The machine shall not used on live conductor rail lines.
7. The maximum number of people transported on this machine shall not exceed the value given in the Approved Values section of this ECC.
8. Lifts shall not exceed any SWL given in the Approved Values section of this ECC.
9. The maximum towed load shall not exceed the value given in the Approved Values section of this ECC.
10. The maximum number of trailers shall not exceed the number given in the Approved Values section of this ECC.
11. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
12. The machine speed shall not exceed the values given in the Approved Maximum Speeds section of this ECC.
13. The machine is to proceed at walking speed and staff control the movement in reverse until the superstructure can be slewed to face direction of travel.
14. Ground staff shall control reverse movements.
15. Operator egress is limited to one side, the machine may only operate with the door to the cab adjacent to a cess or a line closed to all train movements of the documented safe system of work must take account of adequate safe clearances to adjacent lines.
16. 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.

Supplementary Information

1. This machine's re-approval for seven years was assessed against RIS-1530-PLT issue 6.
2. Machine is a Colmar (OEM) rail-conversion of wheeled excavator with mono-boom (4.08m), and dipper with telescopic arm (2.11m to 3.11m).
3. Duty chart reference:
 - Colmar T10000FS 20-May-2019, serial number 8216.
4. The machine is fitted with an electrical high performance vertical and lateral Movement Limiting Device.

Chassis / Serial Number	8216
Fleet Number	RRV129

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