



On-Track Plant Engineering Conformance Certificate

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

NAME OF VEHICLE ACCEPTANCE BODY
SNC-Lavalin Rail & Transit Verification Limited

ACCREDITATION CODE
21

Vehicle Class / Description 940/Colmar/T10000FS/9B-I

Vehicle Owner Story Plant Ltd

Issue Date 06 April 2021

Expiry Date 09 December 2026

Vehicle Number(s)

99709 940740-2

First Of Class

99709 940740-2 on AC/0210/19.

Authorised by:

Luke Tandy
SNC-Lavalin Rail & Transit Verification Limited

OFFICIAL STAMP



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Reason for issue and Scope of Work

Certification of upgraded Colmar T10,000FS Road Rail Vehicle.
Serial No. 8585. Fleet No. SR1109-28.
Originally assessed for compliance with RIS-1530-PLT Issue 6.
On this certificate: Change of owner only. No engineering change.
Expiry date conforms to the requirements of RIS-1530-PLT.

Deviations associated with this certificate

None

Applicant Copy
SN0217074

Certificate Number: 21/0149/21



On-Track Plant

Previous Certificate Number

AC/0210/19.

Maintenance Plan Details

HMM0003 Operation & Maintenance Manual Colmar T10000 with AJH Extending Dipper. Issue A. 03/10/19.

Limitations of Use

Limitations of Use taken from certificate AC/0210/19:

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 machine shall only on/off-track unladen.
8. 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.
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 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. This machine is suitable for On/off-tracking, traveling and working under live OLE when used in conjunction with a safe system of work.
15. The machine shall not travel on live conductor rail lines.
16. The machine shall not work on live conductor rail lines.
17. The machine shall not be used predominantly in enclosed locations.
18. 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.
19. Lifts shall not exceed any SWL given in the approved values section of this ECC.

Supplementary Information

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Certificate Number: 21/0149/21

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On-Track Plant

Supplementary Information taken from certificate AC/0210/19:

1. This machine's first re-approval for seven years was assessed against RIS-1530-PLT issue 6.
2. The machine is fitted with AJH Telescopic Dipper and demountable winch unit. When fitted with the winch unit, this increases the load on hook figure by 350kg. This shall be taken into account when developing lift plans
3. The machine is fitted with a High Performance Movement Limiting Device.
4. Duty chart reference: Colmar T10000FS 8585, 4.08m + 3.53m Tele Dipper dated 4th November 2019.
5. Manufacturer Serial No. 8585. Fleet No. SR1109-28.

Machine Data

| | | | |
|---|---------|--|--------|
| Gross Mass | 32000kg | Gauge | Plant |
| Tailswing Height | 1450mm | Work equipment gauge exceedance | 9740mm |
| Tailswing gauge exceedance (counterweight retracted) | 410mm | Tailswing gauge exceedance (counterweight extended) | 910mm |
| - | - | Software version (inc. RCI) | 9.55 |
| Air service brake pressure | 8.5bar | Air park brake pressure | 8.5bar |

Approved Values

| | | | |
|---|---------|--|--------|
| Maximum number of people | 2 | Maximum non service towed load | 0kg |
| Main load lifting point SWL (dipper retracted) | 6000kg | Main load lifting point SWL (dipper extended) | 3000kg |
| Maximum towed load | 46000kg | Maximum number of trailers | 2 |

Approved Track Conditions

| | Travelling Mode | Working Mode | On/off Tracking |
|-----------------------------|-----------------|--------------|-----------------|
| Maximum gradient | 1:25 | 1:25 | 1:25 |
| Maximum cant | 200mm | 150mm | 150mm |
| Minimum curve radius | 80m | 80m | |

Use in Electrified Areas

| | | Travelling Mode | Working Mode | On/off Tracking |
|--------------------------------|-----------------|-----------------|--------------|-----------------|
| Overhead Line Equipment | Live | Y | Y | Y |
| | Isolated | Y | Y | Y |
| 3rd/4th Rail | Live | N | N | N |
| | Isolated | Y | Y | Y |

Approved Maximum Speeds

| | Travelling Mode | Working Mode |
|-------------------------------------|-----------------|--------------|
| Plain Line | 10mph | 3mph |
| Switches and Crossings | 5mph | 3mph |
| Raised check and guard rails | 5mph | 3mph |
| Reverse | 10mph | 3mph |
| Towing | 10mph | 3mph |

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