



## CERTIFICATE OF ENGINEERING ACCEPTANCE

This certificate is issued in accordance with RIS-1530-PLT Issue 5

**NAME OF VEHICLE ACCEPTANCE BODY**

*SNC-Lavalin Rail & Transit Limited*

**ACCREDITATION CODE**

**IF**

**Vehicle Class / Description**

919/Rexquote/Demag AC55 Crane/9A

**Vehicle Owner**

Road Rail Cranes Ltd

**Issue Date**

17 March, 2016

**Expiry Date**

4 December, 2022

**Vehicle Number(s)**

99709\_919086-7

**First Of Class**

99709 919086-7 on certificate IF/0104/15 against RIS-1530-PLT, Issue 5

**Authorised by:**

**Adrian Staples**

*Adrian Staples*  
**SNC-Lavalin Rail & Transit Limited**

**OFFICIAL STAMP**



**SNC-LAVALIN**

**Reason for issue and Scope of Work**

Certification of Road Rail Demag AC55 Crane.  
Terex Demag Serial No. 15055. Rexquote Serial No. 2415.  
On this EAC: Amendment to Limitation 11. Clarifying on/off tracking cant only. No engineering change.  
Assessed for compliance with RIS-1530-PLT, Issue 5.  
Expiry date conforms to the requirements of RIS-1530-PLT, Issue 5.

**Deviations associated with this certificate**

None

**Previous Certificate Number**

Previous Engineering Acceptance Certificate : IF/0636/15.

**Maintenance Plan Details**

Rexquote Demag AC55 Crane, Rail Mounted Crane Operating and Maintenance Manual, RQM50110, Issue 2, 17/03/16.

**Customer Copy**

**Certificate Number: IF/0149/16**

### Limitations of Use

1. The vehicle shall only operate inside possessions.
2. In travelling mode, the vehicle is within the W6a gauge as defined in RIS-1530-PLT, except for the cab hand-rail that exceeds the W6a gauge in the upper area horizontally by 48mm at 1,256mm from gauge centreline (539mm from running edge of the rail), and vertically at 3,479mm above rail level.  
The upper-structure and stabilisers shall be stowed correctly before travelling on-rail.
3. The vehicle has NO WORKING MODE whilst on rail.
4. The vehicle shall not on/off track or travel on live conductor-rail lines.
5. The vehicle will not activate train operated points.
6. The vehicle shall not travel on track with:-
  - Cants greater than 200mm; Gradients greater than 1:25; and/or Curves less than 80m.
7. When reversing, the vehicle shall only proceed at walking speed with the driver utilising the CCTV and/or ground staff.
8. For access/egress, the vehicle shall only operate with the door to the cab adjacent to a cess or a line closed to all train movements, or the safe system of work takes account of adequate clearances to adjacent lines.
9. Setting up and packing away - from inside cab.
10. The vehicle shall not on/off track if the adjacent line(s) are open to traffic, unless otherwise permitted by a site-specific and Network Rail approved Adjacent Line Open (ALO) safe system of work plan.
11. For on/off tracking, a site specific work plan shall be used taking account of the requirements of the applicable Module in Network Rail Infrastructure Plant Manual NR/PLANT/0200.  
Maximum permitted track cant 165mm and/or gradient not greater than 1:25.
12. The vehicle shall not on/off track or travel under live OLE, except :-
  - > It may on/off track on an approved RRAP or travel under live OLE, when used in conjunction with a safe system of work determined and authorised by taking guidance from the requirements of GE/RT8024, and provided the upper-structure is in the travel position and taking into account of the height of the top of the crane 3.570m above rail and subject to a minimum OLE wire height of 4.180m.
  - > Other than for the cab, access is NOT permitted onto any surfaces higher than 1.4m above rail when the vehicle is under live OLE.
13. It is permitted to tow and/or propel trailers with compatible coupling and air park/service brake systems.  
Air supply pressure for park brake release is 8bar, and for service brake is 0-8bar.  
Maximum weight is 50tonnes / 4 trailers fitted with air reservoirs.

NOTE: The maximum towed and/or propelled weight may have to be reduced where the railhead conditions for adhesion and/or running gradient may affect the safe traction performance of the vehicle.

### Supplementary Information

1. The vehicle is a Rexquote rail conversion of a Terex Demag AC55 City Crane.
2. Manufacturer Serial No. 15055. Rexquote Serial No. 2415.
3. The vehicle shall only operate on rail in high-mode.
4. Fitted with Rexquote direct rail-wheel braking.
5. The vehicle is approved to carry 2 persons seated in the drivers cab.
6. CCTV camera fitted to the side and rear.
7. Gross vehicle weight: 45.6tonnes.
8. Maximum speeds travelling on rail not to exceed:-
  - 20mph plain line;
  - 5mph switches & crossings, raised check/guard rails;
  - 10mph towing/propelling;
  - 5mph emergency recovery.

Note that Interfleet Technology Ltd is now trading as SNC-Lavalin Rail & Transit Ltd. This certificate has been issued on the basis of the Engineering Acceptance of Rail Vehicles Licence Agreement issued to Interfleet Technology Ltd (certificate numbers 13/017/001 and 13/017/002) on 1 February 2013, and subsequently extended until the termination of the CCB/VAB licensing process. The certification management system is unaffected by the change of name in respect of compliance with PS305/04.

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