



# 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**

**010/Philmor/5020HAS/0A**

**Vehicle Owner**

**William Bradshaw Plant Hire**

**Issue Date**

**6 September, 2019**

**Expiry Date**

**27 February, 2022**

**Vehicle Number(s)**

99709\_010510-4

**First Of Class**

NS/0048/17.

**Authorised by:**

**Bryan Lowe**

***SNC-Lavalin Rail & Transit Verification Limited***



**OFFICIAL STAMP**



**SNC-LAVALIN**

**Reason for issue and Scope of Work**

Certification of Philmor rail trailer.

Philmor No. 2231. Fleet No. 110.

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**

Network Rail Temporary Variation Tracker No 29974 issued against RIS-1530-PLT, issue 6, Clause 5.7.4.3 (G 5.7.4.3.1) to permit use of hydraulic park and service brake system.

**Previous Certificate Number**

Previous Engineering Acceptance Certificate: NS/0095/17.

**Customer Copy**

**Certificate Number: 21/0662/19**



# On-Track Plant

## Maintenance Plan Details

APM048 Philmor Trailer Operating and Maintenance Manual. Issue 1. Date 02-17.

## Limitations of Use

Limitations of Use taken from Engineering Acceptance Certificate NS/0095/17.

1. The trailer shall not operate outside possessions.
2. The trailer must not On or Off Track, travel and work under live OLE.
3. The trailer shall not be used in live conductor rail areas.
4. The trailer may not operate train operated points.
5. When travelling, the trailer is within Plant Gauge as defined in RIS-1530-PLT.
6. Trailer shall only be on/off-tracked in tare condition.
7. The trailer shall only be coupled to RRVs that are certified for towing this type of trailer.
8. The trailer shall be subject to the limitations of the towing/propelling RRV.
9. The payload shown in the Machine Data section of this ECC shall not be exceeded.
10. The maximum consist shown in the Machine Data section of this ECC shall not be exceeded. The tow bar strength is sufficient to tow or propel this consist length only.
11. Trailer may be fitted with Philmor Personnel Carrier or other Philmor approved personnel carrying attachments. Any such attachment shall only be fitted and used in accordance with Philmor document CP001 Trailer Personnel Carriers, and the Method Statement for the possession. The traction cut-out and emergency brake application control from the personnel carrying attachment to the towing Machine shall be verified as correct and operational before each use.
12. Machine shall be used as defined in the following:

Maximum speed over plain line	10 mph
Maximum speed over S&C	5 mph
Maximum cant	200 mm
Maximum speed over raised check rails	3 mph
Maximum on/off-tracking gradient	1:25
Maximum gradient	1:25
Minimum curve radius	80m
Maximum on/off-tracking cant	150 mm

## Supplementary Information

Supplementary Information taken from Engineering Acceptance Certificate NS/0095/17.

1. 4-wheel rail trailer with 5m bed to work with compatible RRV.
2. Serial Number 2231.
3. Fleet Number 110.
4. New ECC to be issued after the Temporary Variation has expired, the expiry date must not exceed 22/06/2024.
  - Tare Weight: 3.1 tonne
  - Gauge: Plant Gauge
  - Gross Weight: 23.0 tonne
  - Air Brake Pressure: 8 Bar
  - Payload: 19.9 tonne
  - Hydraulic Park Brake Pressure: 30 - 150 Bar
  - Maximum consist: 2 trailers
  - Hydraulic Service Brake Pressure: 0 - 100 Bar

Customer Copy

Certificate Number: 21/0662/19