

ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

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

NAME OF CERTIFICATION BODY	ACCREDITATION CODE
AEGIS Certification Services Ltd	AC

Machine Class/Description	Philmor 5m Rail Trailer 5020HSAS (Type 0A)
Machine Owner	William Bradshaw Plant Hire
Issue Date	27 th October 2023
Expiry Date	27 th October 2030

Machine Number: **99709 011395-9**

First of Class	No
Certificate Number of First of Class	AC/467/20

Authorised by:



AEGIS PAB Signatory

Reason for Issue and Scope of Work

Previous Certificate:

Upgrade to RIS-1530-PLT issue 6, 5 December 2015.

New instruction and maintenance handbook.

Machine description updated from 5012HHS to 5020HAS (to reflect installation of air brake system and increased payload).

Temporary Variation issued against clauses 5.7.4.3 (G 5.7.4.3.1) to permit use of hydraulic park and service brake system.

This certificate:

Upgraded to requirements of RIS-1530-PLT issue 6

Deviations Associated with this Certificate

Tracker Number None

Description None

Previous Certificate Number: NS/0070/17

Approved User Documentation

ID No.	Title	Issue No.	Date
ZM50004828	Instruction & Maintenance Handbook Philmor T Series Rail Trailers	1	September 2020

Machine Data

Gauge	W6a		
Gross Mass	23 100 kg	Tare mass	3 100 kg
Hydraulic park brake pressure	180 bar	Hydraulic service brake pressure	60 bar
Air service brake pressure	0-8 bar	Air park brake pressure	4-8 bar

Approved Values

Payload	20 000kg	Maximum number of people (Flat bed)	0
Maximum number of people (Philmor Quarter carrier)	5	Maximum number of people (Philmor Full carrier)	30

Approved Track Conditions

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

Use in Electrified Areas

		Travelling Mode	On/off-tracking
Overhead Line Equipment	Live	Yes	Yes
	Isolated	Yes	Yes
3rd / 4th Rail	Live	No	No
	Isolated	Yes	Yes

Approved Maximum Speeds

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

Limitations of Use

1. The trailer is not permitted outside of a possession.
2. Not to be used ALO on LU.
3. The trailer shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
4. The trailer cannot be relied upon to activate train operated points.
5. The trailer shall only on/off-track unladen.
6. The maximum number of people to be transported on the trailer shall not exceed the value given in the Machine Data section of this ECC.
7. The maximum payload shown in the Machine Data section of this ECC shall not be exceeded.
8. The hydraulic braking system may be used if the host machine is not compatible with the air brake system, however if the host machine is compatible, the air brake system shall be used.
9. The trailer shall not exceed any speeds given in the Approved Maximum Speeds section of this ECC.
10. The trailer is suitable for On/off-tracking and traveling under live OLE when used in conjunction with a safe system of work.
11. The trailer shall not travel on live conductor rail lines.
12. The machine shall not work on live conductor rail lines.
13. The trailer shall not be used predominantly in enclosed locations.
14. 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.

Supplementary Information

1. The trailer's re-approval for seven years was assessed against RIS-1530-PLT issue 06.
2. The trailer is approved for use with the following Demountable Modules:
 - Philmor Personnel Carrier – Quarter Carrier
 - Philmor Personnel Carrier – Full Carrier

Serial Number	2095
Fleet Number	94