

## ON-TRACK PLANT

### ENGINEERING CONFORMANCE CERTIFICATE

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

<b>NAME OF CERTIFICATION BODY</b>	<b>ACCREDITATION CODE</b>
<b>AEGIS Certification Services Ltd</b>	<b>AC</b>

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<b>Machine Class/Description</b>	Rexquote Case 988 SP2S (Type, 9B-1)
<b>Machine Owner</b>	William Bradshaw Plant Hire
<b>Issue Date</b>	06 <sup>th</sup> September 2022
<b>Expiry Date</b>	02 <sup>nd</sup> September 2029

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**Machine Number:**            **99709 940601-6**

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<b>First of Class</b>	No
<b>Certificate Number of First of Class</b>	AC/0014/22

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**Authorised by:**



Alastair W R Roberts  
AEGIS PAB Signatory



10221

**Official Stamp**



#### Reason for Issue and Scope of Work

Previous Certificate:

Certification of upgraded Road Rail Vehicle.

Manufacturer serial/chassis number: Serial No. CGG0232332. Rexquote No. 1685. Bradshaw Fleet No. 8

Originally assessed for compliance with RIS-1530-PLT, Issue 4.

On this Certificate: Change of Owner. Clarification of Limitations of Use but no engineering change.

Expiry date conforms to the requirements of RIS-1530-PLT.

This certificate:

Upgrade to RIS-1530-PLT Issue 6. Fitment of trailer air brake system.

**Plant Asset Manager Copy**

**Certificate Number: AC/0347/22**

**Deviations Associated with this Certificate**

**Tracker Number**           None  
**Description**               None

**Previous Certificate Number:** IF/0197/16

**Approved User Documentation**

<b>ID No.</b>	<b>Title</b>	<b>Issue No.</b>	<b>Date</b>
ZM50004948	CASE 988 RAIL MOUNTED EXCAVATOR OPERATION AND MAINTENANCE HANDBOOK	01	November 2021

**Machine Data**

<b>Gross Mass</b>	24,500 kg	<b>Work equipment gauge exceedance</b>	5800 mm
<b>Gauge</b>	W6a	<b>Tailswing Height</b>	1427 mm
<b>Tailswing gauge exceedance</b>	580 mm	<b>Hydraulic service brake pressure</b>	60 Bar
<b>Hydraulic park brake pressure</b>	53 Bar	<b>Air park brake pressure</b>	8 Bar
<b>Air service brake pressure</b>	8 Bar	<b>Software version (inc. RCI)</b>	9.61

**Approved Values**

<b>Main load lifting point SWL</b>	10,000 kg	<b>Auxiliary lifting point SWL</b>	5,000 kg
<b>Maximum towed load</b>	46,000 kg	<b>Maximum number of trailers</b>	2
<b>Maximum non-service braked towed load</b>	0 (zero) kg		

**Approved Track Conditions**

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

**Use in Electrified Areas**

		<b>Travelling Mode</b>	<b>Working Mode</b>	<b>On/off-tracking</b>
<b>Overhead Line Equipment</b>	<b>Live</b>	Yes	No	Yes
	<b>Isolated</b>	Yes	Yes	Yes
<b>3<sup>rd</sup> / 4<sup>th</sup> Rail</b>	<b>Live</b>	No	No	No
	<b>Isolated</b>	Yes	Yes	Yes

**Approved Maximum Speeds**

	<b>Travelling Mode</b>	<b>Working Mode</b>
<b>Plain Line</b>	10 mph	5 mph
<b>Switches and Crossings</b>	5 mph	5 mph
<b>Raised check and guard rails</b>	5 mph	5 mph
<b>Reverse</b>	3 mph	3 mph
<b>Towing</b>	5 mph	5 mph

**Limitations of Use**

1. The machine is not permitted outside of a possession.
2. Exceeds plant gauge (see Machine Data section of this ECC)
3. 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.
4. 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.
5. 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.
6. Not to be used ALO on LU.
7. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
8. The machine shall only on/off-track unladen.
9. 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.
10. The maximum number of towed / propelled trailers shall not exceed the value given in the Machine Data section of this ECC.
11. The maximum towed / propelled load shall not exceed the value given in the Machine Data section of this ECC.
12. The machine shall not exceed any speeds given in the Approved Maximum Speeds section of this ECC.

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. The machine is suitable for on/off-tracking and travel under live OLE when used in conjunction with a safe system of work.
15. The machine shall not work under live OLE.
16. The machine shall not travel on live conductor rail lines.
17. The machine shall not work on live conductor rail lines.
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

1. The machine's re-approval for seven years was assessed against RIS-1530-PLT issue 6.
2. The machine is fitted with a 4.3m offset monoboom and 2.1m dipper.
3. The machine is fitted with a Low Performance Movement Limiting Device (MLD)
  - With the offset boom in the central position, the MLD provides virtual wall and slew limiting functions
  - With the offset boom in the offset position, the MLD provides slew limiting only
  - When using slew limiting, only the turret and main boom slew position are limited, the offset boom is free to move. When setting slew limits, movement of the offset boom must be taken account of.
4. Duty chart reference: Case 988 Offset Boom CGG0232332 4.29m + 2.1m 05-Sep-2022.

Serial Number	CGG0232332
Rexquote Number	1685
Fleet Number	8

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**Authorised by:**

Alastair W R Roberts  
AEGIS PAB Signatory

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