

## ON-TRACK PLANT ENGINEERING CONFORMANCE CERTIFICATE

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

**NAME OF CERTIFICATION BODY**  
**AEGIS Certification Services Ltd**

**ACCREDITATION CODE**  
**AC**

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<b>Machine Class/Description</b>	Road Rail Machine Case 988 SP2S (Type 9B)
<b>Vehicle Owner</b>	Shovlin Ltd
<b>Issue Date</b>	23 <sup>rd</sup> November 2018
<b>Expiry Date</b>	23 <sup>rd</sup> November 2025

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<b>Vehicle Number:</b>	<b>99709 940512-5</b>
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<b>First of Class</b>	No
<b>Certificate Number of First of Class</b>	NS/0162/17
<b>First of Type</b>	No
<b>Certificate Number of First of Type</b>	AC/0022/18

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**Authorised by:**



Luigi D'Angelo  
AEGIS PAB Signatory

**Official Stamp**



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### Reason for Issue and Scope of Work

Previous Certificate:

Fitment of direct wheel braking system in accordance with Allan J Hargreaves General Arrangement Drawing AJH/RWB/ASY/005 (floating axle) & AJH/RWB/ASY/006 (fixed axle).  
Scrutiny of associated maintenance plan AJH038 Issue 2. (NCB task ref. VCT2682).

**Plant Asset Manager Copy**

**Certificate Number: AC/0162/18**

This certificate:  
 Increase in on/off-tracking cant to 150mm.  
 Installation of air brake system.  
 Installation of GKD RCI System.  
 Upgrade to RIS-1530-PLT issue 6.  
 Increase number of towed trailers to 4.

### Deviations Associated with this Certificate

**Reference** None  
**Title** None

**Previous Certificate Number:** RT/EA/0257/12

### Approved Maintenance Instructions

ID No.	Title	Issue No.	Date
SPMM0001	Case 988 Rail Mounted Excavator Operation and Maintenance Handbook	6	March 2018
AJH080	Hydrovane Compressor Maintenance	1	22/04/2014

### Machine Data

<b>Gross Mass</b>	21,800 kg		
<b>Tailswing gauge exceedance</b>	580 mm	<b>Tailswing Height</b>	1430 mm
<b>Hydraulic park brake pressure</b>	0-60 bar	<b>Hydraulic service brake pressure</b>	60 bar
<b>Air service brake pressure</b>	8.5 bar	<b>Air park brake pressure</b>	8.5 bar
<b>Gauge</b>	W6a	<b>Software version (inc. RCI)</b>	9.28

### Approved Values

<b>Maximum number of people</b>	2		
<b>Main load lifting point SWL</b>	10,000 kg	<b>Auxiliary lifting point SWL</b>	5,000 kg
<b>Maximum towed load</b>	46000 kg	<b>Maximum number of trailers</b>	4

### Approved Track Conditions

	Travelling Mode	Working Mode	On/off-tracking
<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	

## Approved Maximum Speeds

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

## Limitations of Use

1. The machine shall not be used outside a possession.
2. The maximum number of people transported on this machine shall not exceed the value given in the Approved Values section of this ECC.
3. Lifts shall not exceed any SWL given in the Approved Values section of this ECC.
4. The maximum towed load shall not exceed the value given in the Approved Values section of this ECC.
5. The maximum number of trailers shall not exceed the number given in the Approved Values section of this ECC.
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 speed shall not exceed the values given in the Approved Maximum Speeds section of this ECC.
8. The machine shall only be on/off-tracked at a RRAP or temporary crossing.
9. When travelling, mirrors shall be folded in.
10. When working, the counterweight, boom, dipper and attachments can be out of gauge. See Machine Data section of this ECC.
11. The machine shall **NOT** on/off-track, travel or work on live conductor-rail lines.
12. For access/egress, the machine may only operate with the door to the cab adjacent to a cess or a line closed to all train movements or the Method Statement safe system of work must take account of adequate safe clearances to adjacent lines.
13. Movement of boom towards backward stability limit shall be at moderate/low speed.

## Supplementary Information

1. This machine's / re-approval for seven years was assessed against RIS-1530-PLT issue 6.
2. Duty chart reference: Case 988 232258 YHD 1.80m+3.13m+2.10m 14-Nov-2018.
3. Machine is a rail-conversion of road multi-purpose excavator with 1.8m boom, 3.13m artic and 2.1m dipper arm.
4. It may work with a range of attachments through the dipper arm link pins or approved auxiliary lifting point.

5. The machine is fitted with a low performance vertical and lateral Movement Limiting Device.

Chassis / Serial Number	CGG0232258
Fleet Number	YHD
Rexquote Number	1588

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