



## ENGINEERING ACCEPTANCE CERTIFICATE

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

<b>NAME OF CERTIFICATION BODY</b>	<b>ACCREDITATION CODE</b>
<b>Atkins Rail</b>	<b>NS</b>

**Vehicle Class/Description**      **Road Rail Vehicle Caterpillar D4H Dozer Type 9A**

**Vehicle Owner**                      **William Bradshaw Plant Hire Ltd**

**Issue Date**                          18<sup>th</sup> September 2015

**Expiry Date**                         18<sup>th</sup> September 2022

**Vehicle Numbers:**                 **99709 914018-5**

**FIRST OF CLASS**

Certificate number of First of Class

YES	NO
	<b>X</b>

N/A

**Authorised by :**

Signatory Name:

SP Rice

Authorised Signatory:

**Reason for issue and Scope of Work**

**Previous scope of work;**

Existing Rexquote/Caterpillar D4H Bulldozer (Rexquote ref no. 1163 Chassis no. 8PB06196) Refurbished to the Rail Industry Standard – RIS 1530-PLT-Issue 1 – April 2006.

**Scope of work for this certificate;**

Installation of Park Tread Brakes to rear bogie in accordance with APPL drawing(s) EA11-00003 Issue 1, sheets 1, 2 & 3, 'Park Brake for Bulldozer (D4H)'.

Blade Trolley hydraulic park brake release installed in conjunction with hydraulic release of rear bogie brakes in accordance with APEL Drawing ES11-00012 Issue 1. 'D4H Dozer Hydraulics for the Blade Trolley & Rear Brakes'.

New maintenance documentation APM038, Issue 02, dated 09-15,

Upgrade to RIS-1530-PLT, Issue 5, June 2014.



**Deviations associated with this certificate;** None

Previous Engineering Acceptance certificate number: ER/0401/08

Previous Vehicle Maintenance certificate number: ER/MP/0134/08

Maintenance plan Id.	Identification Number	Issue No.	Date
Maintenance plan title	APM038	2	09-2015
	Road Rail – Cat D4 Dozer (Hydrostatic Drive “Type 9A”) Operation and Maintenance Manual		

### Limitations of Use

1. Travelling mode: Vehicle is within W6a gauge including exceedances permitted by RIS -1530-PLT.
2. The vehicle does **NOT** have a working mode on rail.
3. Blade ram taps **MUST** be closed before travelling on-rail.
4. It shall only operate inside possessions.
5. This vehicle may be used with adjacent lines open to traffic, it shall only be used in accordance with the Method Statement for the possessions and only if a safe system of work to be adopted has taken into account of gauge exceedance.
6. For on/off tracking, a site specific plan shall be used taking account of the applicable module(s) of Network Rail Infrastructure Plant Manual NR/PLANT/0200 and APM038, Issue 2, 09-2015
7. The vehicle shall **NOT** on/off track, travel and work on live conductor rail lines.
8. The vehicle may on/off track or travel under live OLE.
9. For access/egress, the vehicle 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.
10. Vehicle will not activate train-operated points.
11. When operating in reverse, unless the driver has a clear line of sight, all movements shall be controlled by ground staff.
12. It is **NOT** permitted to tow or propel other rail vehicles.

Maximum speed of vehicle in travelling mode	10 mph
Maximum speed of vehicle in travelling mode over switches, crossings	5 mph
Maximum speed of vehicle in travelling mode over raised check rails	1 mph
Maximum speed of vehicle in recovery mode	3 mph
Maximum gradient in travelling mode	1 in 25
Maximum gradient on which vehicle can be on/off tracked	1 in 25
Maximum cant in travelling mode	200 mm
Maximum cant on which vehicle can be on/off tracked	100 mm
Minimum travelling radius	80 m

### Supplementary Information

- Vehicle is driven and braked through rail wheels in contact with the rails.
- Vehicle Manufacturer Number: 8PB06196.
- Vehicle weight 13,040kg.
- Permitted number of personnel to be carried: 1 in cab. It has no load carrying capability when on rail.
- Vehicle recovery is detailed in APM038, Issue 2, 09-2015.
- Route Availability: No Change.
- Applicable Gauge or Portfolio Reference: W6a as RIS-1530-PLT.
- Applicable Braking Curves(s): RIS-1530-PLT Issue5. Section 5.6.2.1.
- A hydraulic Park Brake release system has been installed on the Blade Trolley.
- A hydraulic Park Tread Brake has been installed to the rear bogie rail wheels.