



ENGINEERING ACCEPTANCE CERTIFICATE

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

NAME OF CERTIFICATION BODY
Atkins Rail

ACCREDITATION CODE
NS

Vehicle Class/Description Road Rail Vehicle Caterpillar D5N Dozer (Type, 9A)

Vehicle Owner Phillip Shovlin Plant Hire Ltd.

Issue Date 31/07/2016

Expiry Date 31/07/2023

Vehicle Numbers: 99709 914009-4

FIRST OF CLASS

Certificate number of First of Class

YES	NO
	X

N/A

Authorised by :

Signatory Name:

SP Rice

Authorised Signatory:

Reason for issue and Scope of Work

Previous scope of work;

Certification of Road-Rail Vehicle Caterpillar D5N FTC XL Dozer (serial no. CAT00D5NVAGG00206).

Assessed for compliance to RIS-1530-PLT Issue 1.

Scope of work for this certificate;

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

New Maintenance Plan.



Deviations associated with this certificate; None

Previous Engineering Acceptance certificate number: IF/0457/08

Previous Vehicle Maintenance certificate number: IF/MP/0242/08

Maintenance plan Id.	Identification Number	Issue No.	Date
	SPMM0006	3	May 2015
Maintenance plan title	Cat D4 – D5 Dozer Rail Mounted Maintenance Plan		

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. It shall only operate inside possessions.
4. 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.
5. 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 SPMM0006, Issue 3, May 2015.
6. The vehicle shall **NOT** on/off track, travel and work on live conductor rail lines.
7. The vehicle shall **NOT** on/off track or travel under live OLE, except as Limitations 8 and 9.
8. This vehicle may on/off track on an approved RRAP or travel under live OLE in accordance with the Method Statement for the possession as determined and approved in accordance with the requirements of GE/RT8024. **OLE minimum wire height 4.165m.**
9. When under live OLE, there shall be no access onto any surfaces higher than 1.4m above rail, except the cab.
10. 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
11. Vehicle will not activate train-operated points.
12. It is **NOT** permitted to tow or propel other rail vehicles.
13. When operating in reverse, unless the driver has a clear line of sight, all movements shall be controlled by ground staff.

Maximum speed of vehicle in travelling mode	20 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	150 mm
Minimum travelling radius	80 m

Supplementary Information

- Vehicle is driven and braked through rail wheels in contact with the rails.
- Vehicle Manufacturer Number: CAT00D5NVAGG00206. Shovlin Plant Number: 206.
- Gross weight: 15,070kg
- Permitted number of personnel to be carried: 1 in cab. It has no load carrying capability when on rail.
- Vehicle recovery is detailed in SPMM0006, Issue 3, May 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.