


ALLAN J HARGREAVES PLANT ENGINEERS LTD
RAIL WHEEL BRAKING TORQUE TEST

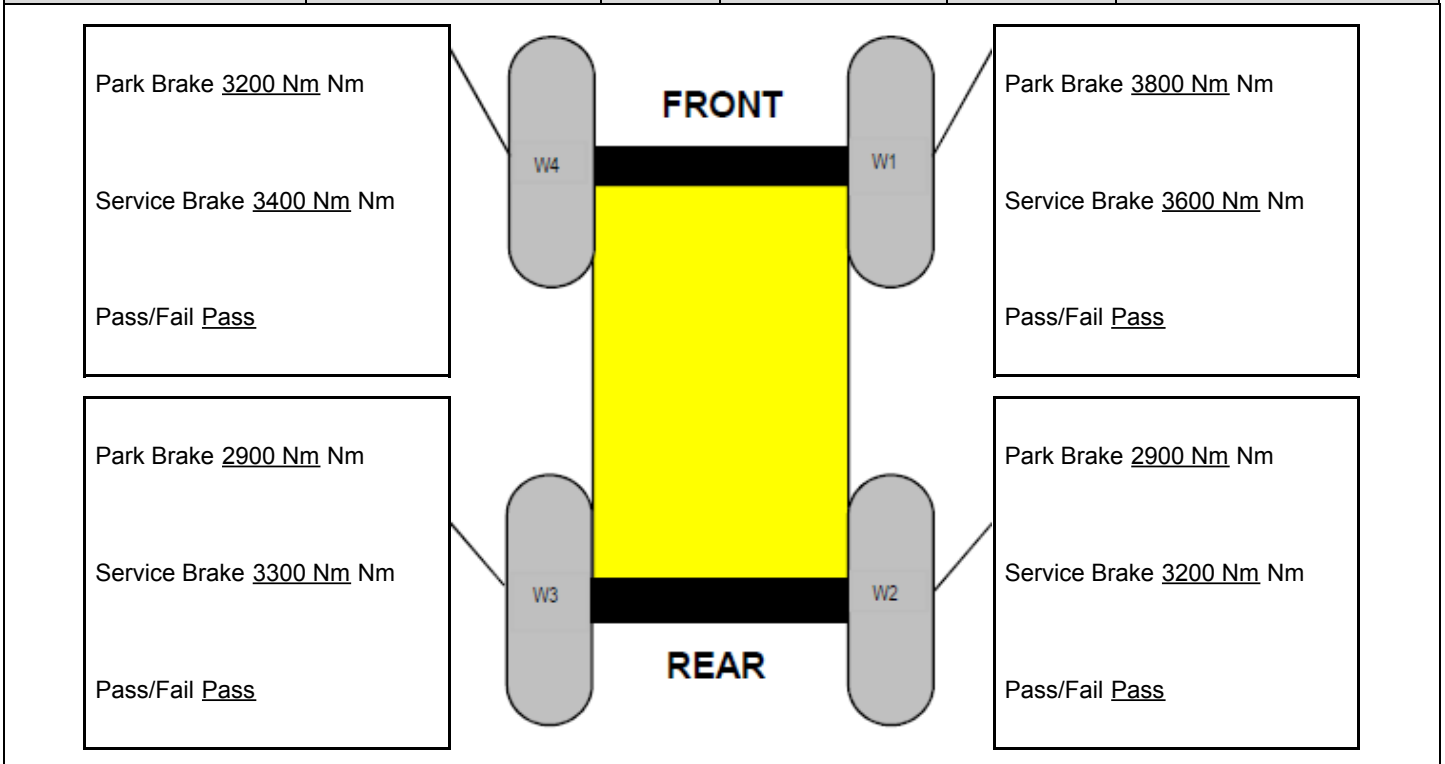
Date:	22/08/2019		
Owner:	Allan J Hargreaves Plant Engineers Ltd / William Bradshaw / William Bradshaw		
Machine:	Doosan DX170		
Serial No:	5135		
Plant No:	74	Location:	Ellesmere Port
POV No:	99709 940738-6	Hours:	3193

Inspection Point	Inspection Limits
Brake Pad Wear	Minimum 3mm
Brake Pad Damage	None allowed
Contamination	None allowed
Brake Pad Adjustment	1mm
Floating Pins	Clean and lubricate with graphite grease
Hydraulic Hoses / Fittings	Check for damage / leaks
Brake Disc Protection	Check for damage / security
Brake Discs	Check for damage / security
Fixing / Fasteners	Check for damage / security
Torque Limits	See back of sheet for minimum limits

For AJH brake systems, refer to AJH097 for torque test requirements.
For machines not converted by AJH or where OEM torque test figures are not available, the following should be used:

Park Brake (Nm) =	<u>Machine Weight (Kg)</u>	Minimum park brake required:	<u>1532 Nm Nm</u>
	20		
Service Brake (Nm) =	<u>Machine Weight (Kg)</u>	Minimum service brake required:	<u>3063 Nm Nm</u>
	10		

Equipment to be used:	Torque Wrench	ID No	AH238	Cal Exp Date	01/05/2020
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As the engineer responsible for executing this testing, I confirm that I am independent from the design, manufacture, construction, marketing and maintenance of the machine under test. I confirm that I have used calibrated equipment and had the relevant training. Prevailing weather conditions did not affect the outcome of this test.

Engineer: Ben Fell	Signed: 
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As an Approver of AJH Plant I confirm that this inspection/test was executed by a suitably qualified service engineer.

Approver: Carly Pilkington	Signed: 
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