


ALLAN J HARGREAVES PLANT ENGINEERS LTD
RAIL WHEEL BRAKING TORQUE TEST

Date:	20/06/2020	
Owner:	Allan J Hargreaves Plant Engineers Ltd / William Bradshaw / William Bradshaw	
Machine:	DOOSAN DX170	
Serial No:	5133	

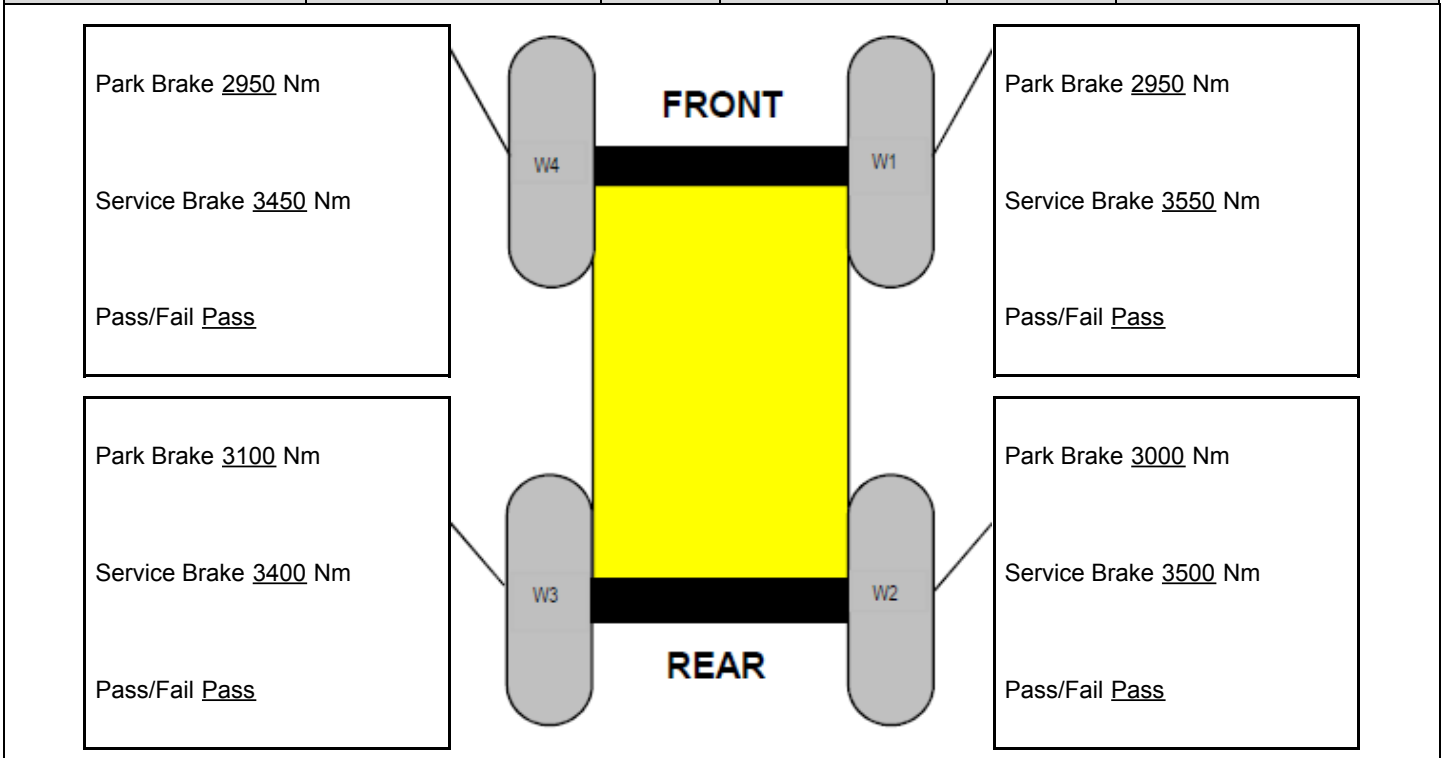
Plant No:	60	Location:	Ellesmere Port
POV No:		Hours:	0

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

Equipment to be used:	Torque Wrench	ID No	AH298	Cal Exp Date	11/12/2020
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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: Alex Reed	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: Sam Garrity	Signed: 
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