

**WILLIAM
BRADSHAW**

ANNUAL EXCAVATOR SLI CHECK SHEET

MAKE/MODEL:	CA500988	DATE OF INSPECTION:	28/4/23	NEXT INSPECTION:	28/4/24	FLEET NO:	33
ENGINEER:	Alex Reed	SIGNATURE:					
MAX. RADIUS	Displayed Radius	Measured Radius	Known Weight	Screen Weight	ASLI Function Pass/Fail		
MID. RADIUS	6.92M	6.94M			P		
MIN. RADIUS	5.68M	5.67M			P		
LARGE WEIGHT	4.49M	4.45M			P		
SMALL WEIGHT			1940	1900	P		
SLEW LIMIT	LEFT:	MOTION CUT:	RIGHT:		MOTION CUT:		
HEIGHT LIMIT	BOOM:	DIPPER:	ARTIC BOOM:		MOTION CUT:		
DATA LOGGER DOWNLOADED	YES (Tick)		DATA LOGGER RECORDING OK	YES (Tick)			

METHOD:

1. Set at maximum radius of machine taken from the duty charts and then tape from the centre of the slew ring to the centre of the lifting hook.
2. Record both the displayed radius and the actual taped measurement.
3. Repeat for the minimum chart radius plus a mid-point check and record as above.
4. If radius checks okay, proceed with steps 5 – 8. **IF NOT - DO NOT PROCEED but arrange corrective action.**
5. Lift a known weight at the max. radius detailed in the charts for that weight.
6. Repeat this using a small known weight.
7. Check the results are within the calibration as specified by PROLEC.
8. Check **slew left and right** for operation of limitation and motion cuts in both directions.
9. Check excavator arm height limitation and motion cuts against machine acceptance certificate.
10. **REPORT ANY FINDINGS WHICH REQUIRE FURTHER CLARIFICATION OR ATTENTION**

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