

INSPECTION REPORT EDDY CURRENT

Client	Connect Cranes & Rigging	Report Number	24-7141-2						
Address	2/42-50 Buckley Grove, Moolap, VIC, 3224	Date of Test	8/07/2024						
		Client Order No.*	Not Advised						
Work Location	As Above	Client Job No.*	Not Advised						
Contact Name	Troy Summer Hayes	Request No.	Not Applicable						
Work Description*	Eddy Current Inspection of Truck Mounted Tadano Crane. Serial No. EM5844								
Test Specification	ISO 17643 - 2020	Material Type	Carbon Steel						
Acceptance Criteria *	Nil relevant surface breaking discontinuities	Equipment No.	ET-36 Nortel 500						
Test Procedure No.	TP-ET-01 (ISO Welds)	Serial No.	N500X12101U102024						
Surface Condition	Coated	EDM Cal. Block	ET-40 S/N: U11140						
Surface Preparation	Nil	Coating Meter	N/A						
Joint Type	Fillet and Butt Welds	Coating Type	Non-Conductive						
Material Thickness	Not Specified	Coating Thickness	<2mm						
Welding Process	Not Specified	Heat Treatment	Not Specified						
Probe and Calibration Details									
Probe	Make	Serial No.	Type	Arrangement	Tip Ø mm	Filter	Freq. kHz	Gain dB	Phase Angle°
WLD-8-55/7L	Olympus	11188	W.S.	Differential	8	N/A	200	70	324
Calibration Reference Sensitivity	☐ 0.5mm EDM Slot @ 80% S.H. ☒ 1.0mm EDM Slot @ 80% S.H. ☐ 2.0mm EDM Slot @ 80% S.H.								
Test Restrictions	Nil.								
Item Inspected* An Eddy Current Inspection was performed on the following Truck Mounted Tadano Crane: Model #: 411-202-10170, Serial #: EM5844 Area/s Inspected 1. All accessible Outrigger Welds. 2. Luffing Ram to Chassis & Boom Welds. 3. Rear Boom Pivot Welds. 4. Boom End Stiffener Collar Welds. 5. Head Welds & Hook.									
Results The above welds comply with the nominated Acceptance Specification.									
Approved Signatory Name	Chris Mills					Accreditation No: 18896			
Signature						Accredited for compliance with ISO/IEC 17025			
Certification	ISO 9712 ET L2					TESTING			
Report Date	9/07/2024					This report shall not be reproduced except in full.			

Revision Statement: Nil

Disclaimer: iTest NDT is not responsible for Customer supplied items and/or information in the form of purchase orders, requests etc., which may affect the validity of test results. Customer supplied data is annotated by ★. The results presented in this report relate only to items selected by the Customer for the purpose of testing. Binary Decision Rule Applied - Measurement Uncertainty (MU) applied as per iTest procedures (MSP-14).

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Inspection Photographs	
	
Crane ID Plate	General View
	
Rear Pivot Welds	Luffing Ram to Boom Welds
	
Hook	Typical Boom Section Welds

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Inspection Photographs continued		
		
Head Welds	Outrigger Welds	
		
Luffing Ram to Turret Welds		