



Weld Inspection Report

Customer	A1 Group	Report Number	10312023_001
Project	Vehicle storage racks visual inspection	Job Number	Not available
Location	Silver Birches, Highland Avenue. Wokingham RG41 4SP	Inspection Date	31/10/2023
Material	Carbon Steel, Groups 1 and 2	Weld Process	MAGS 135 and MMA 111
Plate/Pipe	SHS/RHS	Surface Condition	Left as laid
Dimensions	N/A	Weld Preparation	Not witnessed
Heat Treatment	N/A	Drawing Number	See items tested
Temperature	Ambient	Identification	As indicated on rack
Joint Details	Tee fillet/part penetration butt welds	Acceptance Standard	BS EN 5817 level D

Magnetic Particle Equipment

	Description	Serial No	Calibration	Manufacturer	Media	Batch No
Magnet Type	N/A	N/A	N/A	N/A	N/A	N/A
Calibration	N/A	N/A	N/A	N/A	N/A	N/A
Sensitivity	N/A	N/A	N/A	N/A	N/A	N/A
Contrast Paint	N/A	N/A	N/A	N/A	N/A	N/A
Magnetic Ink	N/A	N/A	N/A	N/A	N/A	N/A
Technique	Visual					
Method (Fluorescent/Colour Contrast)	N/A					
Test Procedure Number	OP1 Revision 3					
NDT Request Number	E1739					

Reason for inspection:

To locate and identify any relevant fatigue cracks within the weld metal and heat affected zone. A visual inspection was carried out on all accessible welds at level two and three

Item tested:

Storage racks inspected and no defects noted.

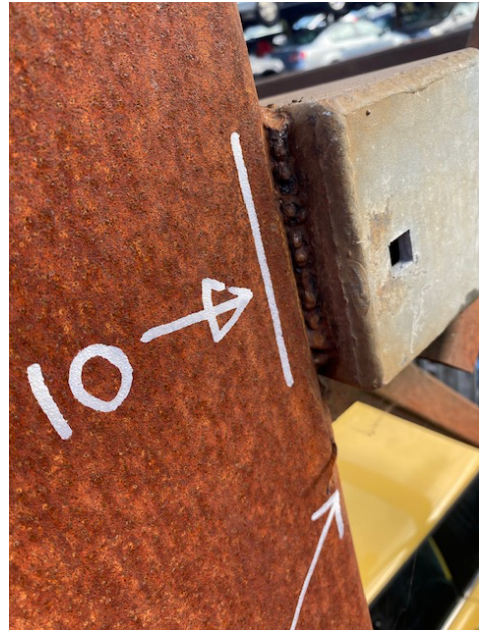
- 1, 3, 8, 9, 12, 13, 14, 15, 16, 17, 18, 27, 28, 29, 31, 32, 33, 41, 42, 43, 44, 46, 47, 56, 57, 59, 66, 68, 69, 77, 78, 79, 80, 91, 92, 93, 94 [37 racks acceptable]

Storage racks inspected and **defects** noted

- 10 (4 separate welds), 26, 45, 58, 67 (2 separate welds), [5 racks not acceptable]



R10, Weld bead not acceptable



R10, Weld bead not acceptable



R10, Weld bead not acceptable



R10, Lack of side wall fusion

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R26, Cluster porosity



R45, Lack of sidewall fusion



R58, Cluster porosity



R67, Missing weld

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R67, Missing weld

Technician	Simon Taffinder CSWIP 649767	Client	
Signed	<i>Simon Taffinder.</i>	Signed	
Date	31/10/2023	Date	