



Weld Inspection Report

Customer	A1 Group	Report Number	10302023_001
Project	Vehicle storage racks visual inspection	Job Number	Not available
Location	Silver Birches, Highland Avenue. Wokingham RG41 4SP	Inspection Date	30/10/2023
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.

- 19, 20, 21, 34, 35, 36, 49, 50, 51, 60, 61, 62, 63, 64, 65, 70, 71, 72, 73, 74, 75, 81, 83, 84, 86, 87, 89, 90 [28 racks acceptable]

Storage racks inspected and **defects** noted

- 82, 85, 88 [3 racks not acceptable]



Rack 82, evidence of porosity and lack of side wall fusion.



Rack 85, evidence showing lack of side wall fusion.



Rack 88 evidence showing lack of side wall fusion.

Technician	Simon Taffinder CSWIP 649767	Client	
Signed	<i>Simon Taffinder</i>	Signed	
Date	30/10/2023	Date	