



Weld Inspection Report

Customer	A1 Group	Report Number	11212023_001
Project	Vehicle storage racks visual inspection	Job Number	Not available
Location	Silver Birches, Highland Avenue. Wokingham RG41 4SP	Inspection Date	20-21/10/2023
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	E1761					

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 (Van area) with no defects noted:

- 11, 13, 14, 15, 22, 23, 24, 30, 37, 38, 39, 40, 48, 76 [14 racks acceptable]

Storage racks inspected and **missed welds** noted:

- 12, 25, 52, 53, 54, 55, [6 racks not acceptable]

10 No galvanised storage racks inspected (Van/Ebay area) and **fractured welds** noted, no individual identification numbers present. Identification as shown below.

16 No galvanised storage racks inspected with no defects noted, no individual identification numbers present.



Van/Ebay area, defective racking identification *9 (ie rack number 9 of 10 rejected).



Typical marking/identification of missing welds, ie racks 55 and 53.

Technician	Simon Taffinder CSWIP 649767	Client	
Signed		Signed	
Date	21/11/2023	Date	