

TEST RESULTS

Results of test conducted with Pickle 'N' Clean Fluid

Test date: 18th December 2023

Tests conducted by: Jonathan Edwards

Contents

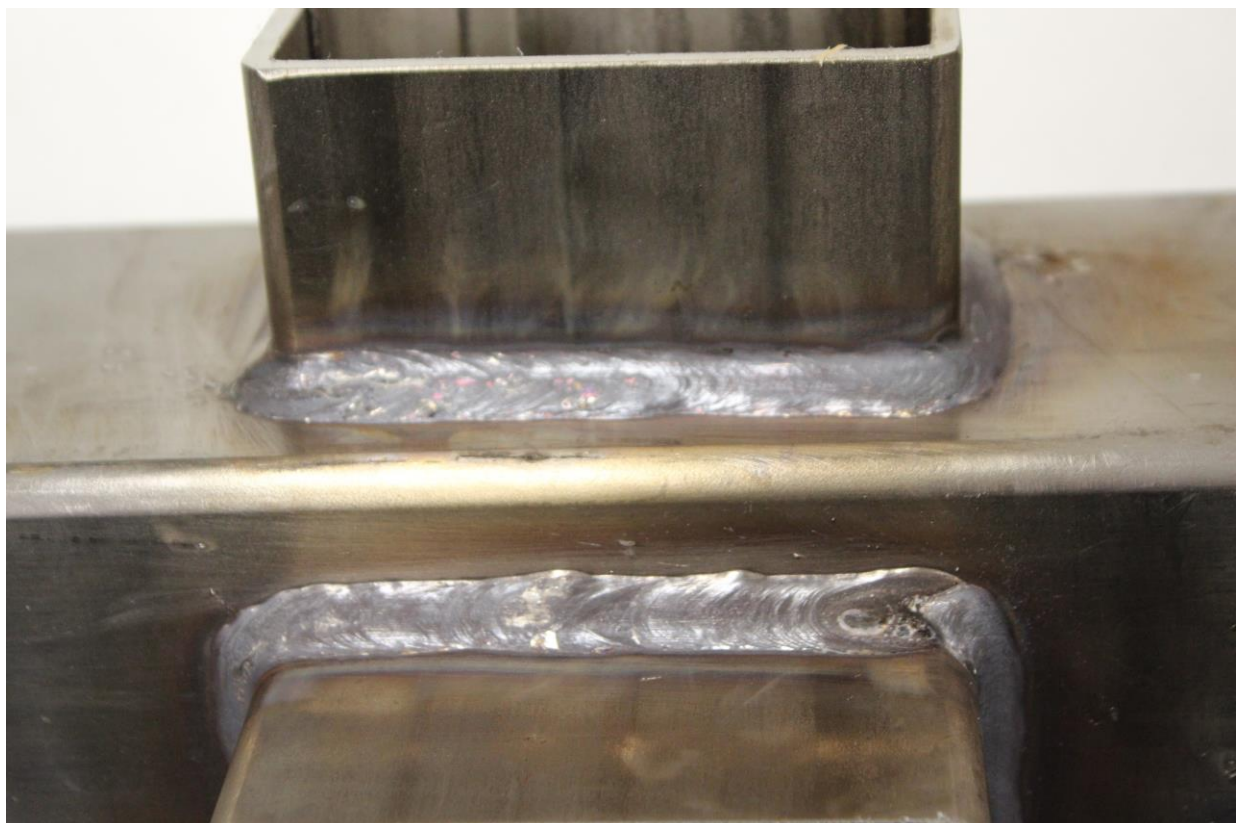
- Test samples & images Page 2
- Test process Page 14



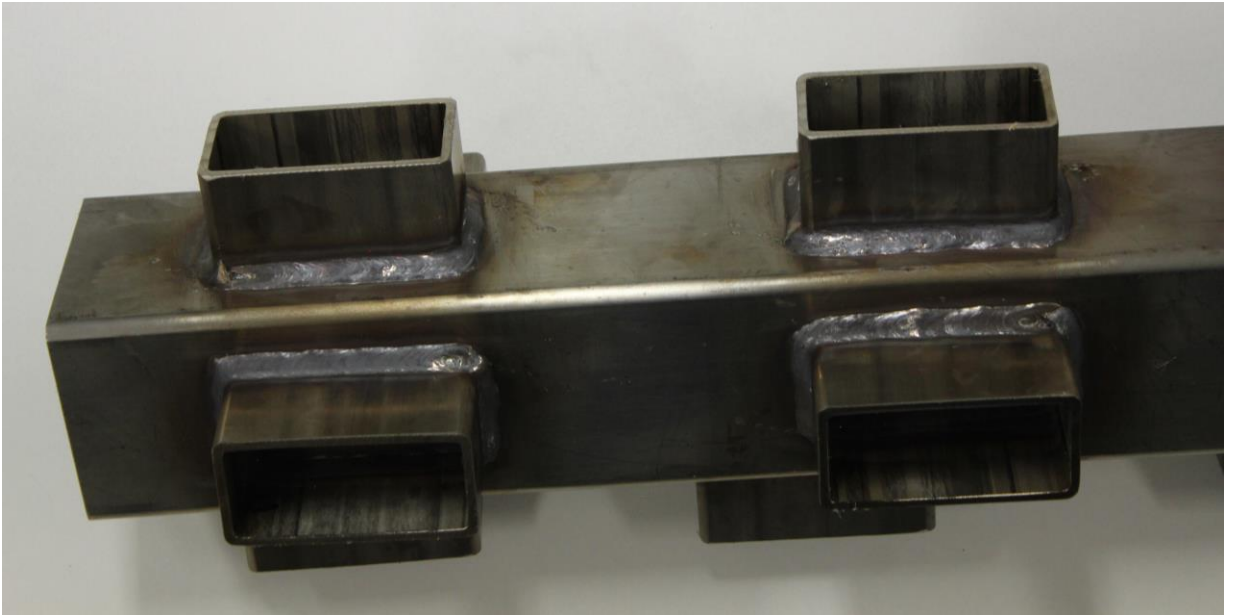
The following samples were provided by Alfa Laval for testing with Cougartron Pickle 'N' Clean Fluid:

Ref.	Material	L (mm)	W (mm)	H (mm)	Dia. (mm)	Th. (mm)	Page
A	304, box section	700	210	210	-	4	2
B	304, box section	850	210	210	-	4	2
C	304, round tube	720	350	-	76	2	8
D	304, round tube	460	280	-	38	1	10
E	304, 2B plate	500	220	-	-	3	12

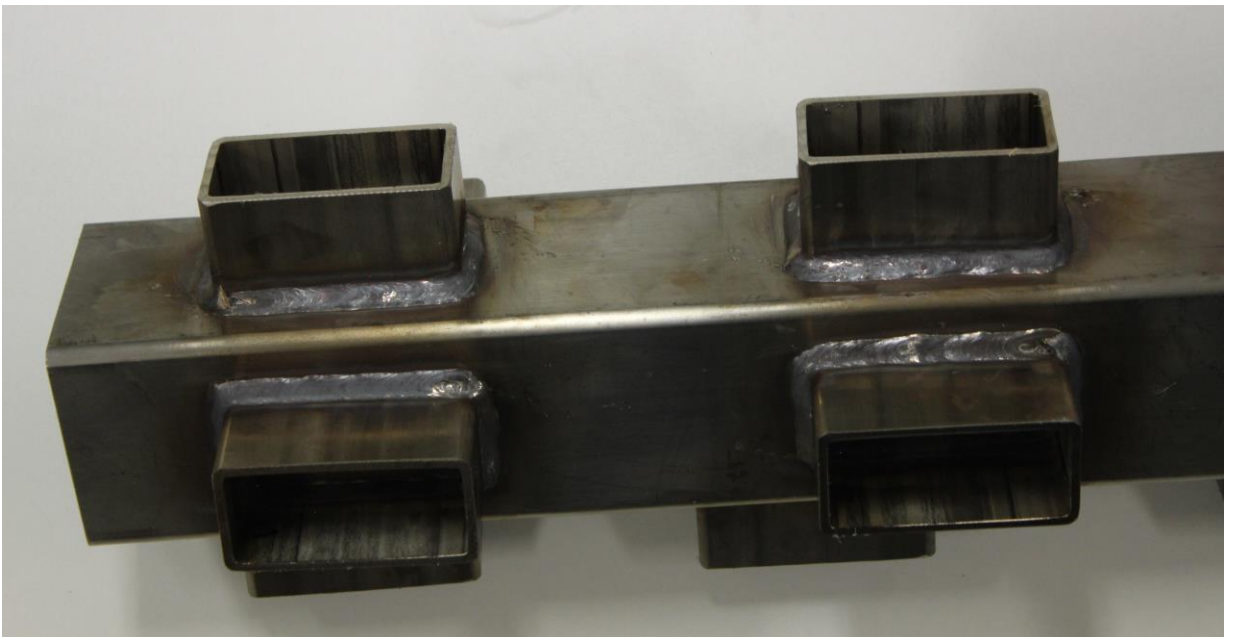
Sample A/B: Image A.1 – before pickling



Sample A/B: Image A.2 – before pickling



Sample A/B: Image A.3 – before pickling



Sample A/B: Image A.4 – before pickling



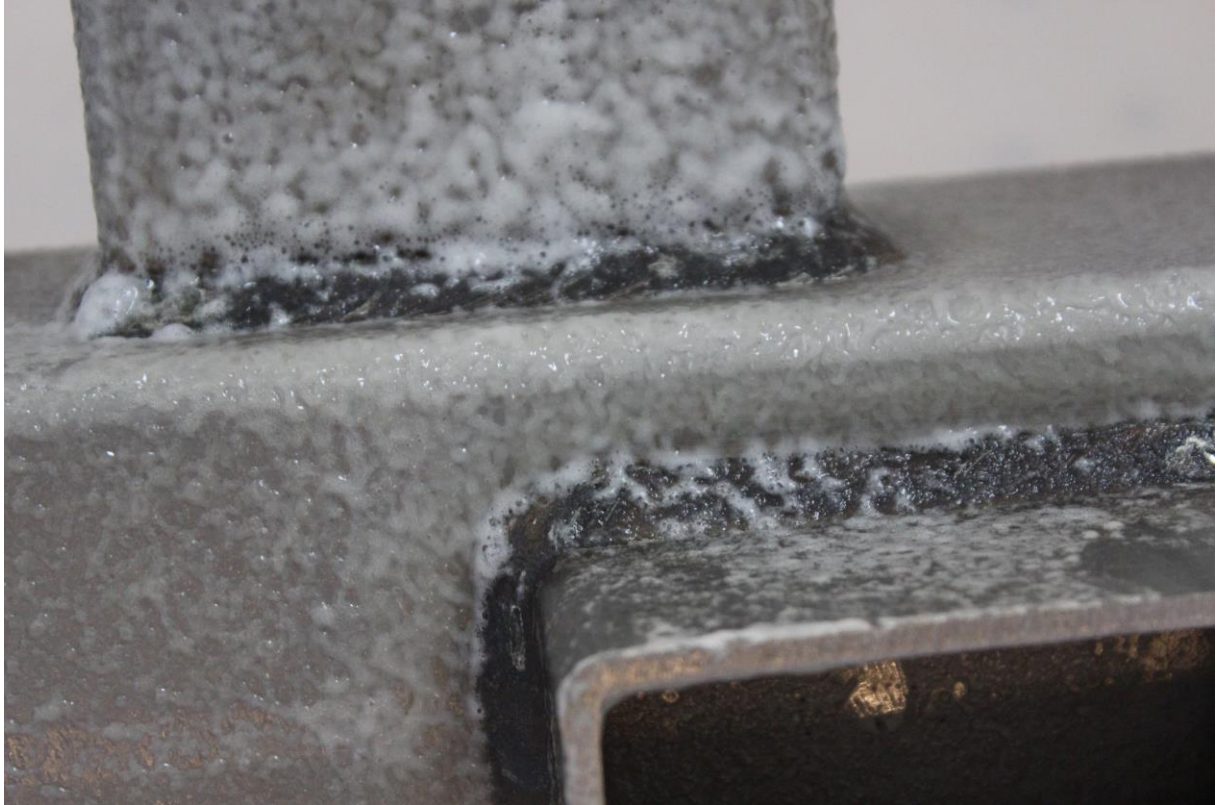
Sample A/B: Image A.5 – before pickling



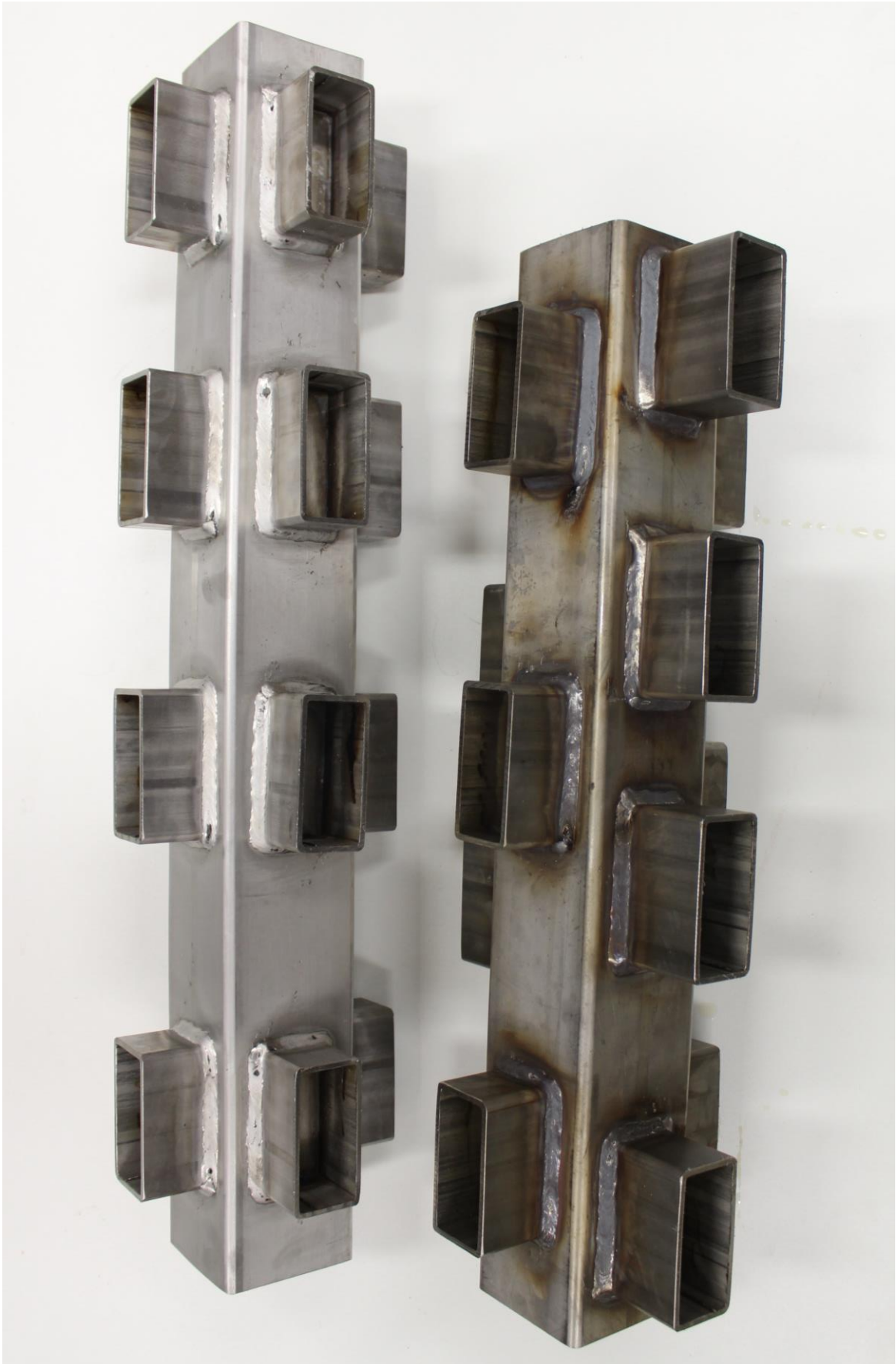
Sample A/B: Image A.6 – during pickling



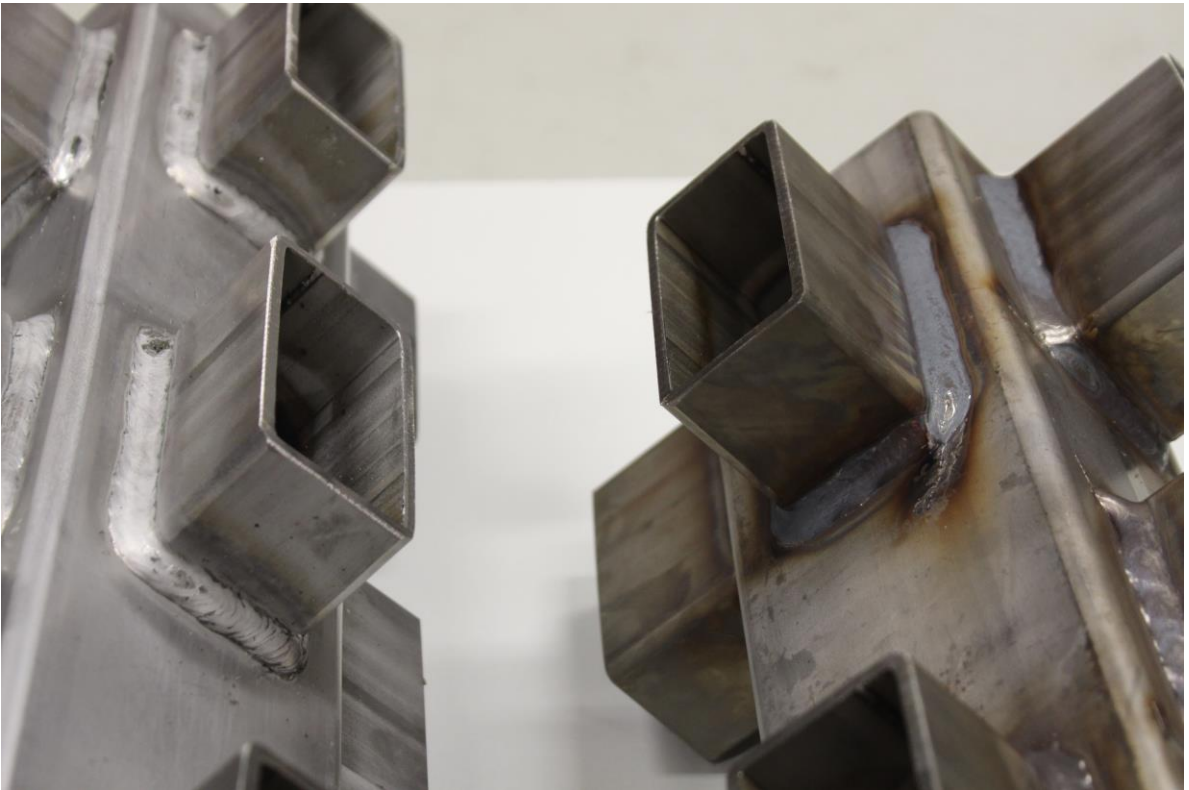
Sample A/B: Image A.7 – during pickling



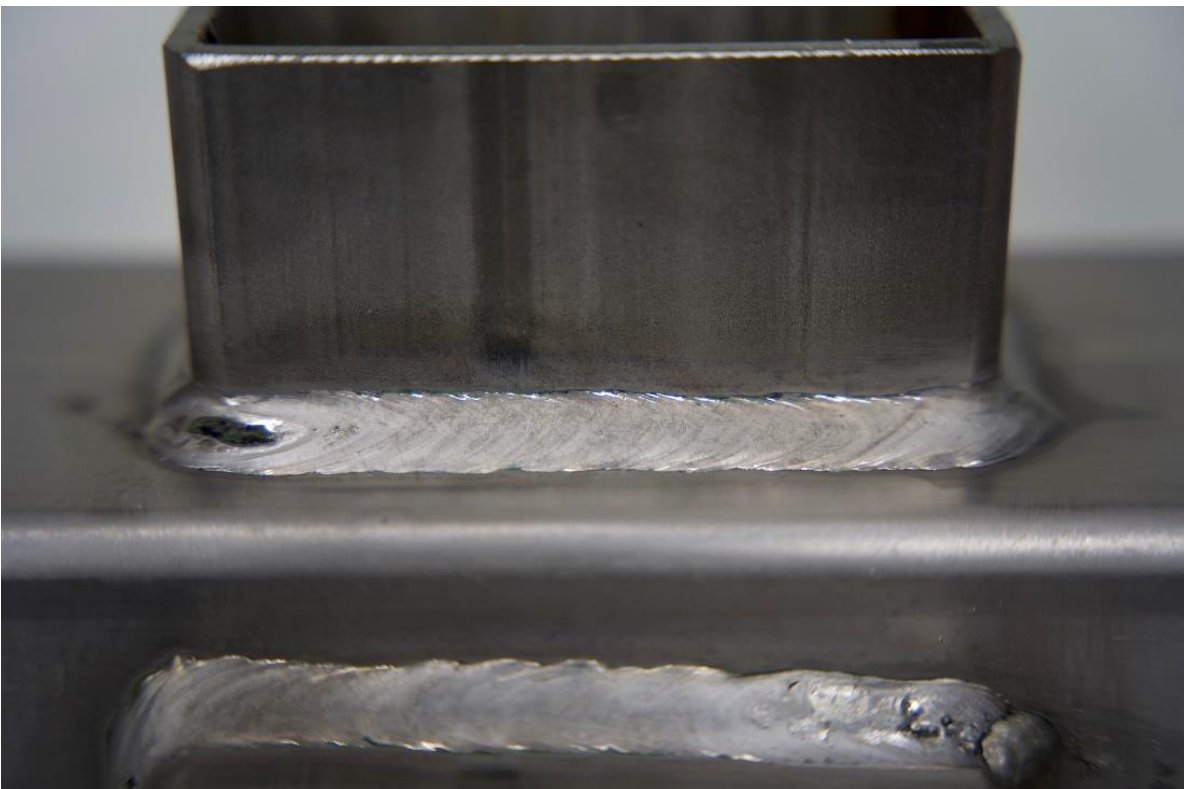
Sample A/B: Image A.8 – before & after pickling



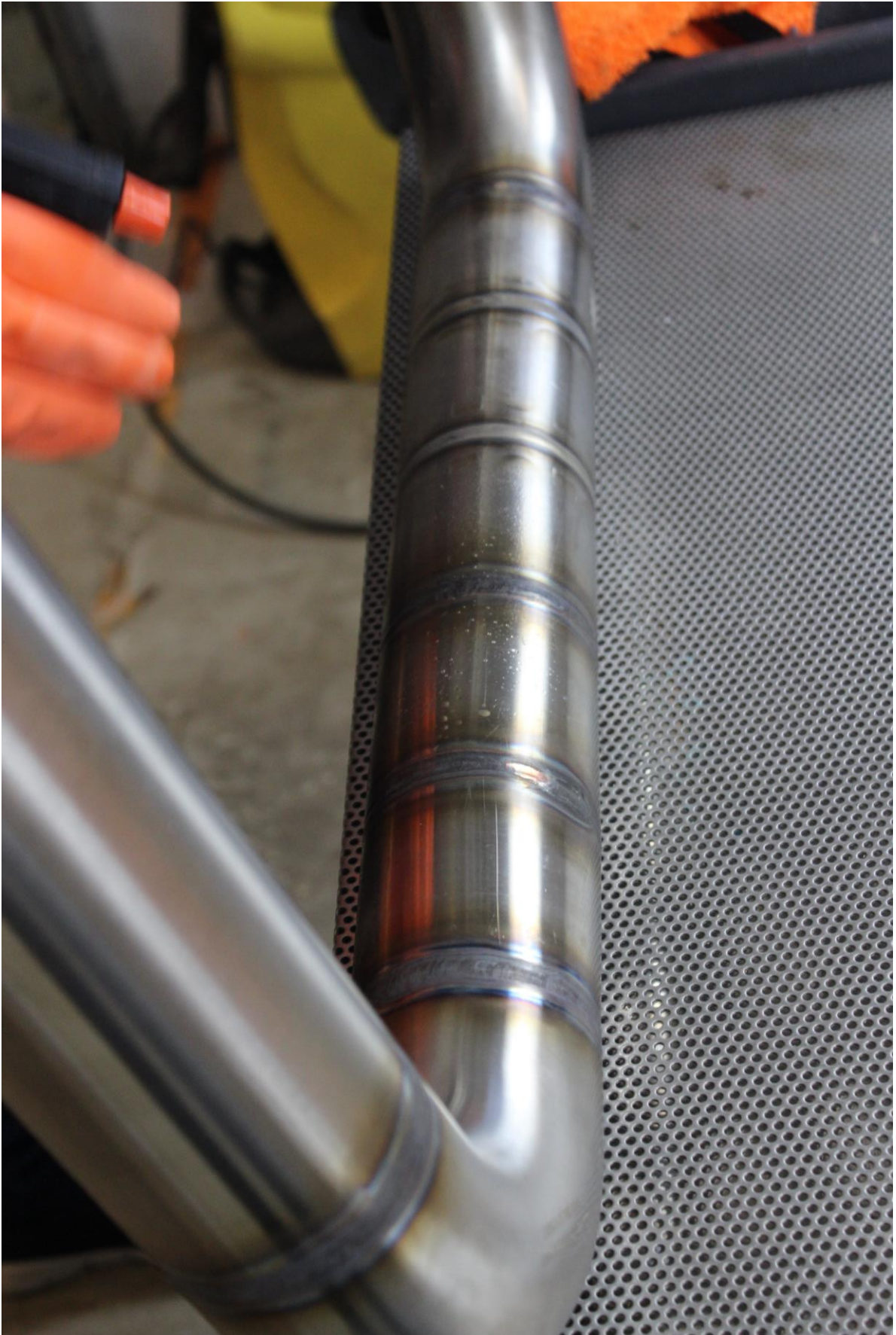
Sample A/B: Image A.9 – before & after pickling



Sample A/B: Image A.10 – after pickling



Sample C: Image C.1 – before pickling



Sample C: Image C.2 – after pickling



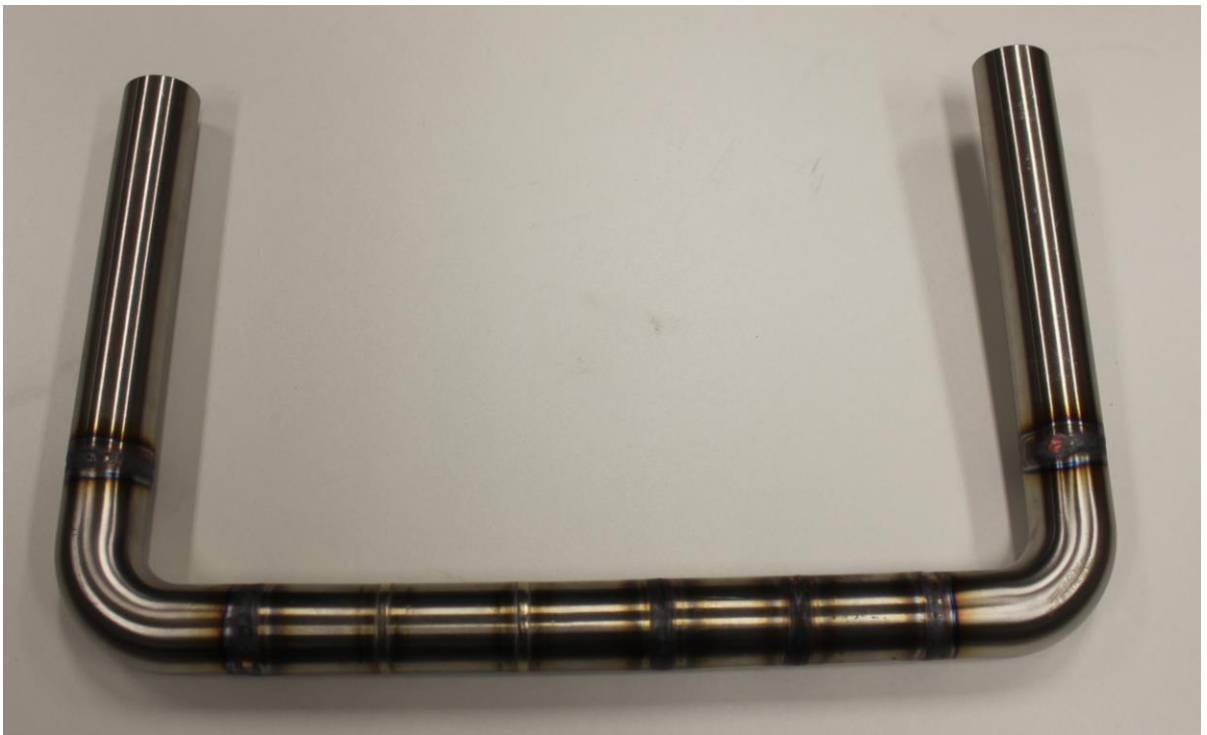
Sample C: Image C.3 – after pickling



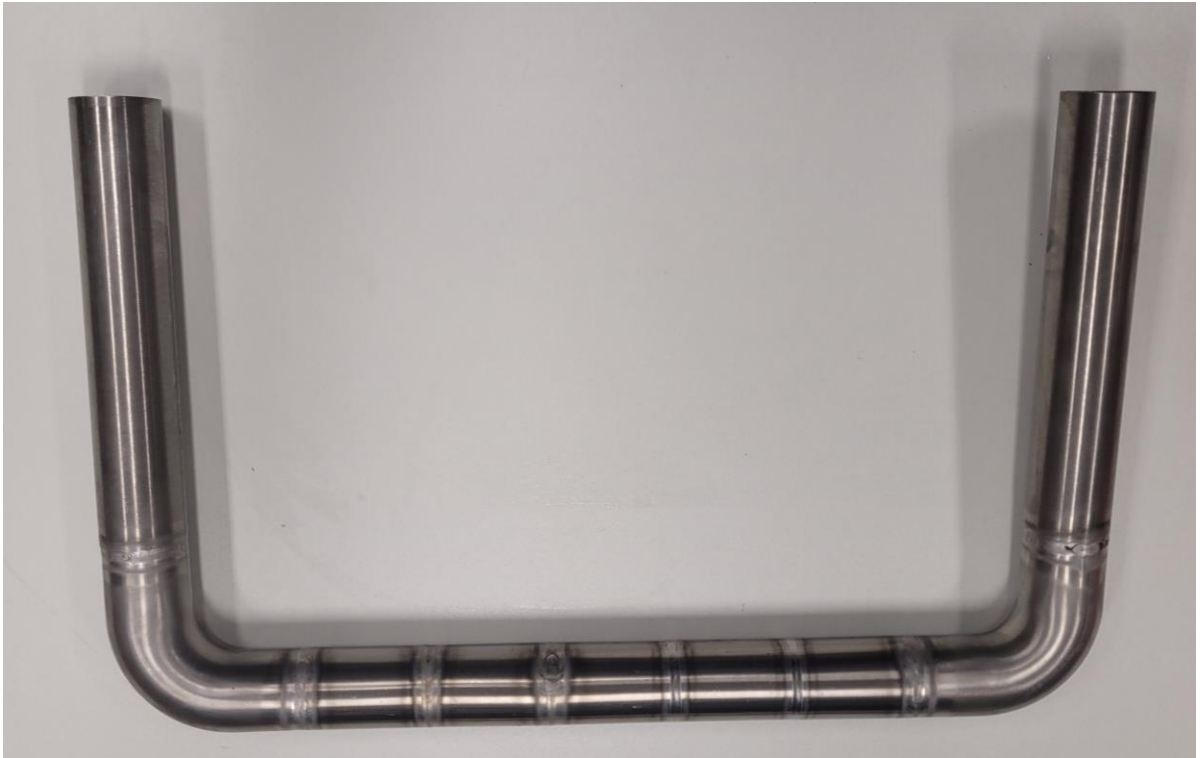
Sample C: Image C.4 – after pickling



Sample D: Image D.1 – before pickling



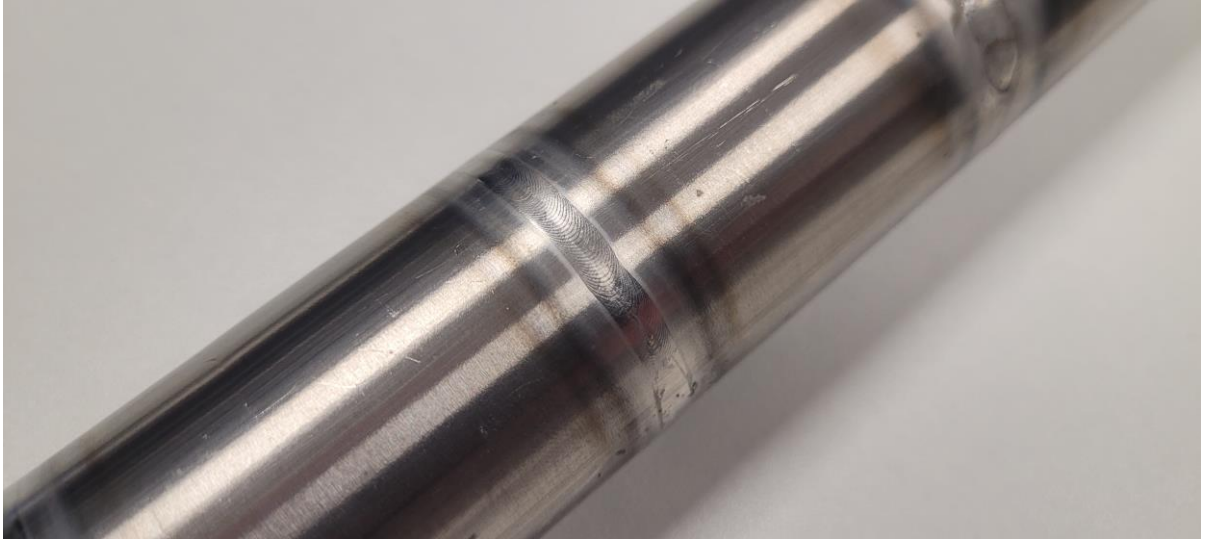
Sample D: Image D.2 – after pickling



Sample D: Image D.3 – after pickling



Sample D: Image D.4 – after pickling



Sample E: Image E.1 – before pickling



Sample E: Image E.2 – after pickling



Sample E: Image E.3 – after pickling



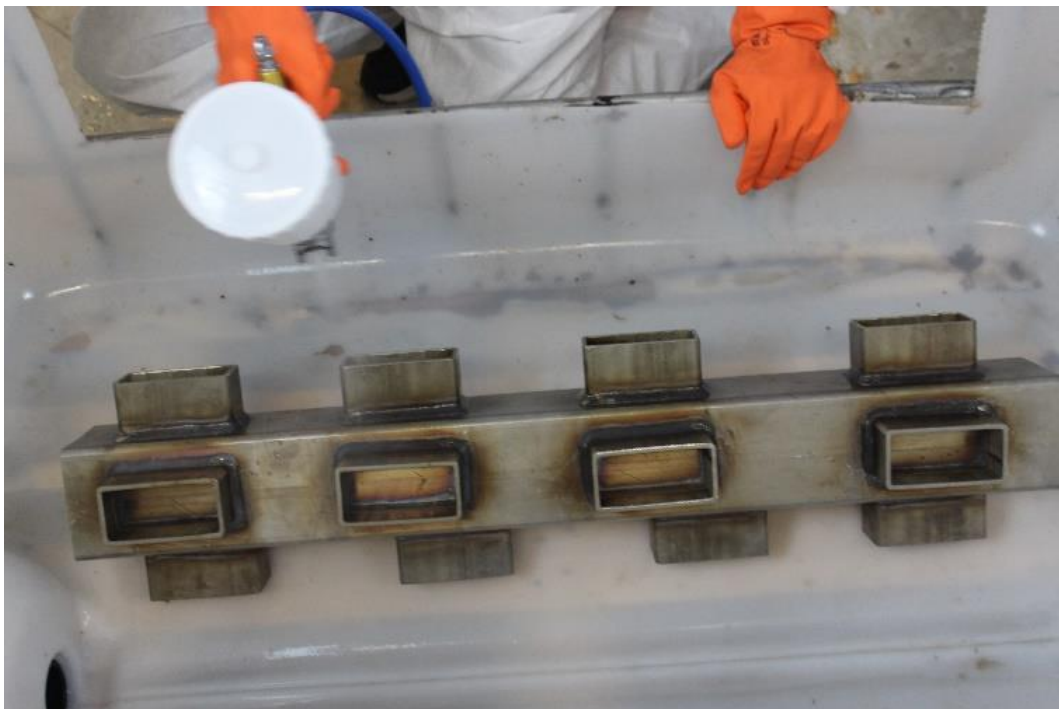
Test process

This section outlines the process used and the testing environment.

The process was performed indoors with an ambient air temperature of 19.2C and a material surface temperature of 18.4C



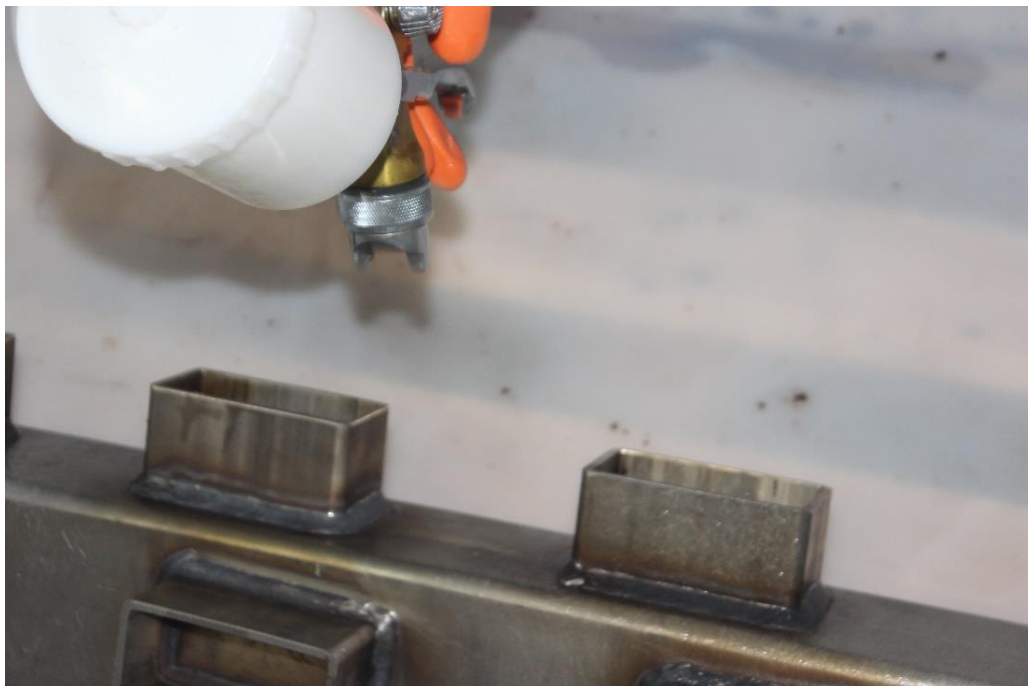
Step 1: The workpiece was cleaned and degreased using Cougartron CGT-N5 Fluid. This was applied with a compressed air sprayer.



Step 2: The surface was then dried with a clean towel. Alternatively, the surface can be rinsed with water and left to dry, or dried with compressed air.



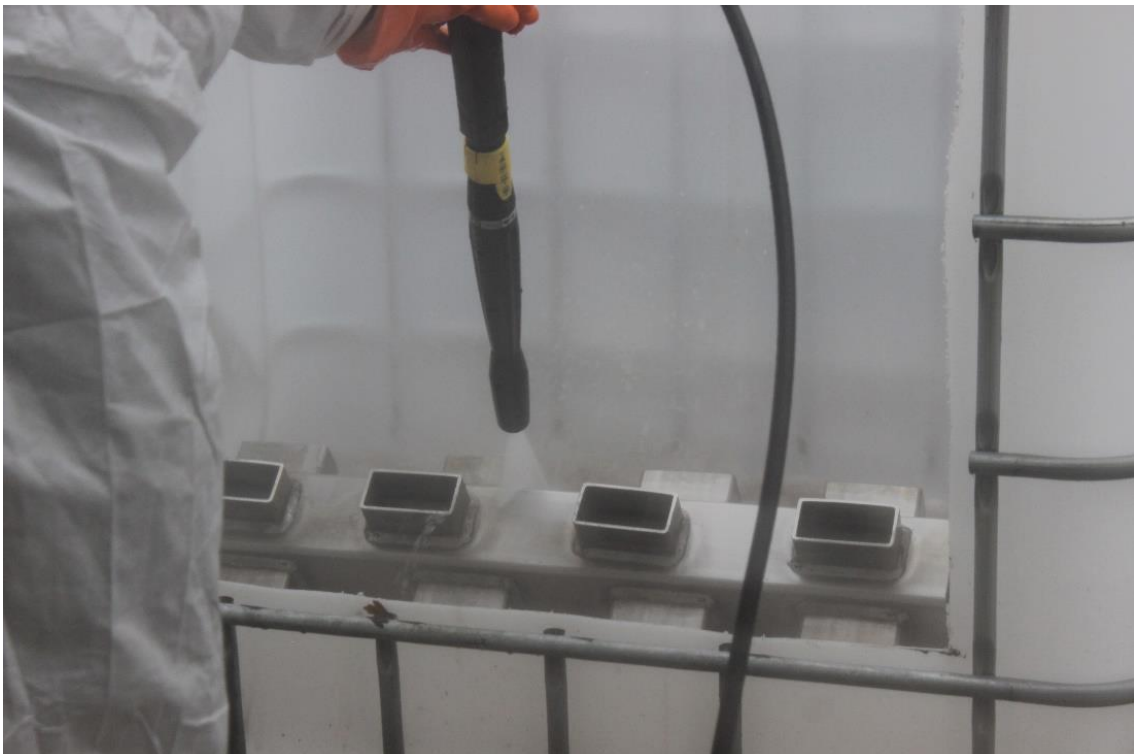
Step 3: Pickle 'N' Clean Fluid was applied to the area to be cleaned with a spray gun with 2.5 mm nozzle and 3-3.5 bar air pressure. The fluid was applied to a thickness of 2-3 mm.



Step 4: The Pickle 'N' Clean Fluid was left to work on the surface for 60 minutes.



Step 5: The Pickle 'N' Clean fluid was then removed with a pressure washer & cold water, completing the process



End of report

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