1. Introduction

Keywords: CTA, weld, 174, inspection, weld quality, corrosion, crack

Welded CTA covers can be the first line of defence against corrosion and fatigue failures in various structures. The quality of the weld is critical to the effectiveness of these covers. To ensure the welds are of high quality, detailed inspection and crack detection are essential.

2. Results and discussion

Figures 1-5 illustrate the inspection and crack detection process. The figures show the weld quality and crack presence in various sections of the CTA covers.

3. Conclusion

The quality of the welds in CTA covers is crucial for their effectiveness in preventing corrosion and fatigue failures. Detailed inspection and crack detection are necessary to ensure the welds meet the required standards.

4. References


Appendix

Table A1: Detailed inspection results for CTA covers (A) and (B)