

Plate Heat Exchanger Repair – Case Study



InKorr Pty Ltd
Specialising in Heat Exchanger Service – Maintenance - Repairs

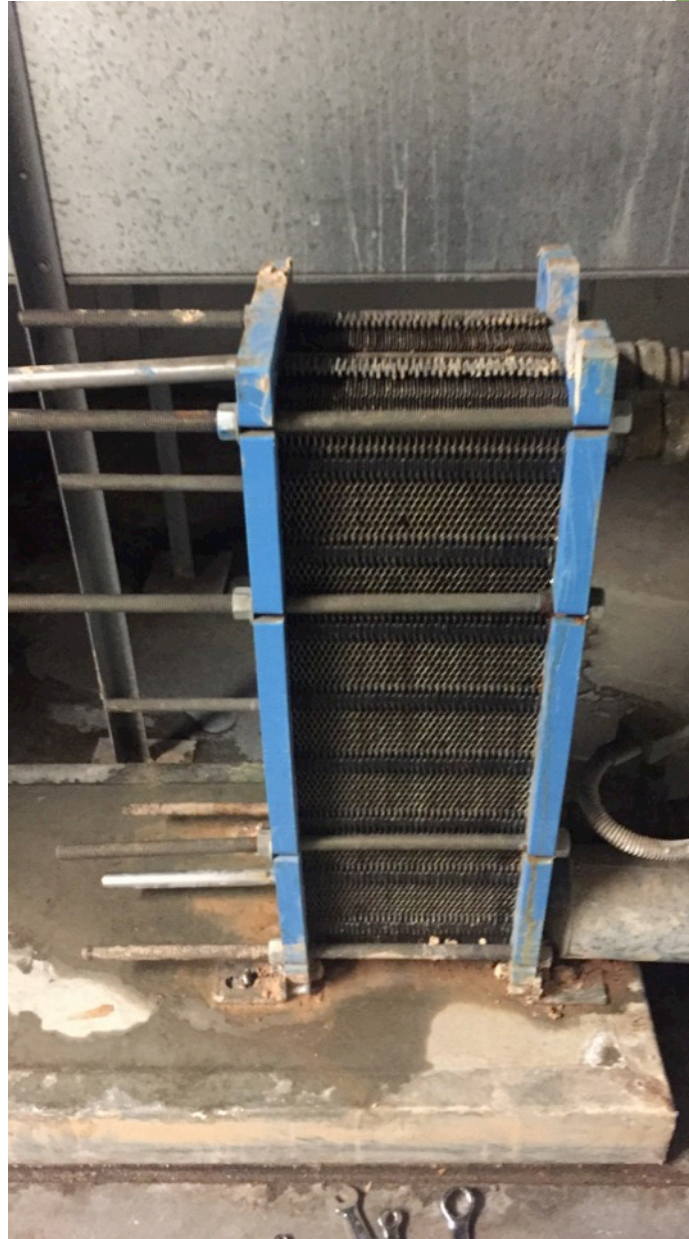
InKorr Plate Heat Exchanger Repair Service Highlights

- ▶ Emergency onsite breakdown service
- ▶ Full service in our shop
- ▶ Detailed report with each full service
- ▶ Testing of all parts
 - ▶ Visual inspection as a standard
 - ▶ Optional UV dye penetrant crack testing
- ▶ We recommend ways to improve equipment reliability
- ▶ OEM and aftermarket parts available

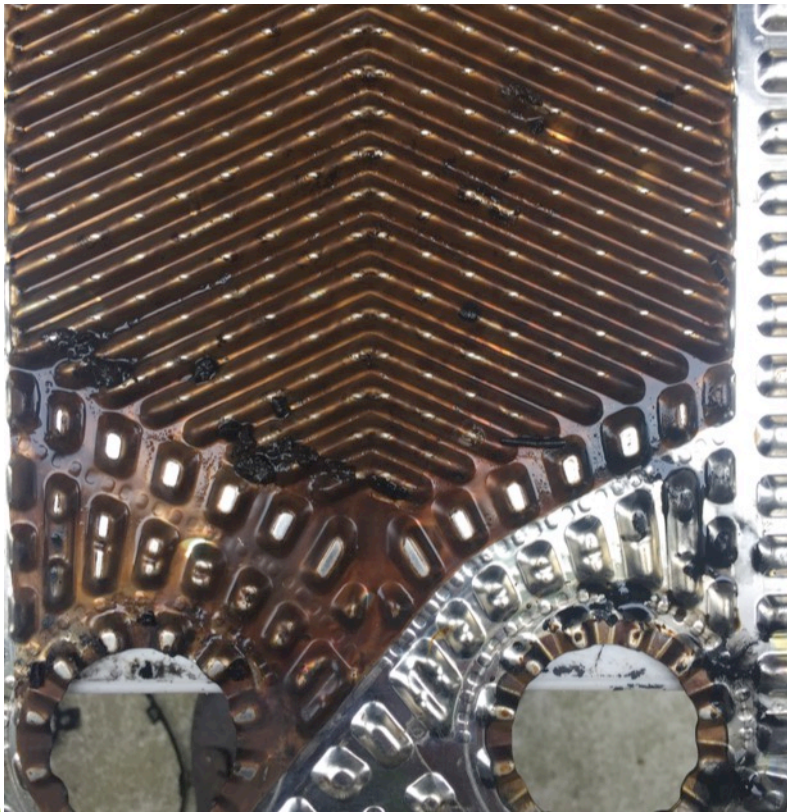
Full Service Repair Process

1. Initial inspection –
 1. Record key equipment data
 2. Note condition on arrival
 3. Testing if required (e.g. hydrotest)
2. Disassembly –
 1. Note all parts in need of replacement/repair
3. Parts service –
 1. Chemical & high pressure cleaning to remove scale
 2. UV crack testing of plates for cross leakage (optional)
 3. Touch up and service on frame if needed
 4. Replace any parts that cannot be used again (gaskets)
4. Reassembly & pressure test

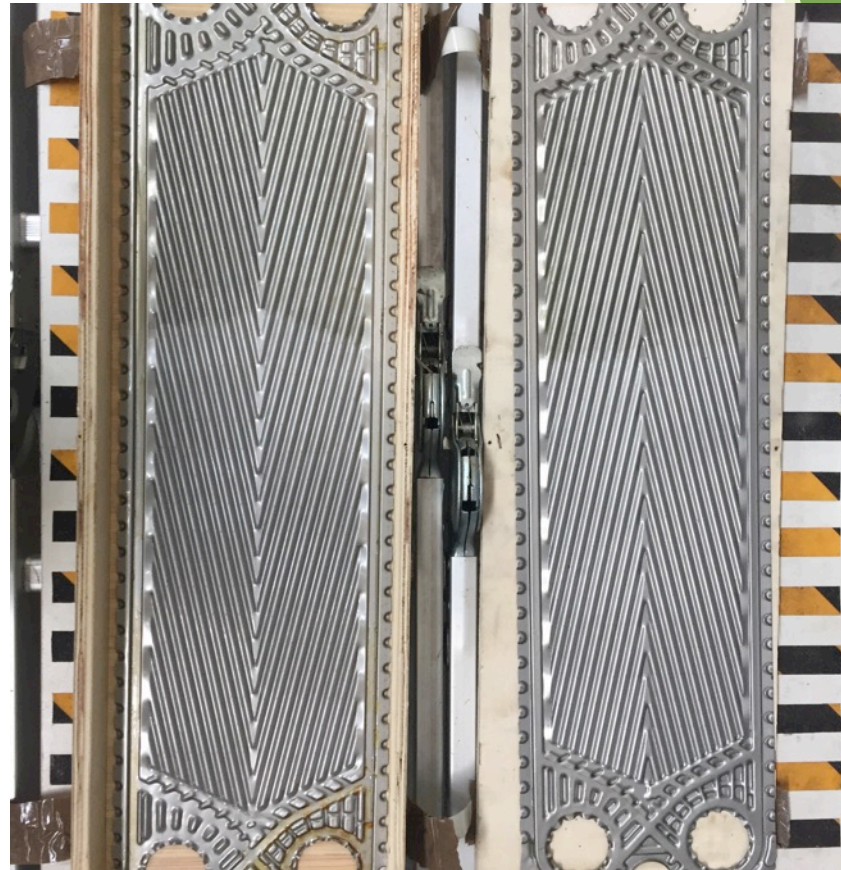
Exchanger Prior to Service



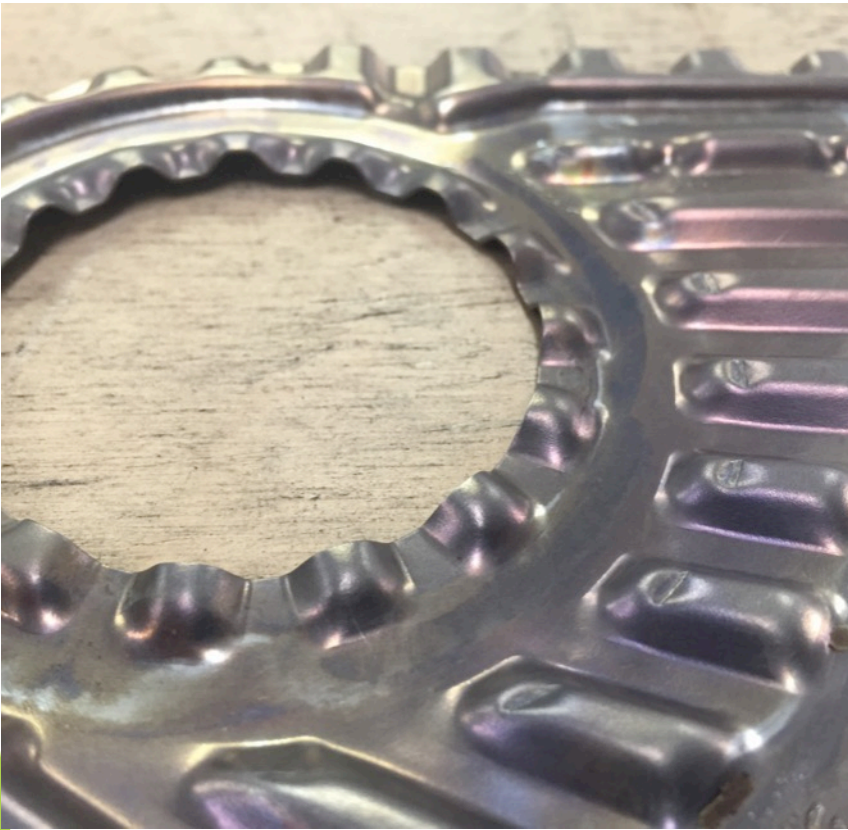
Plates Prior to Cleaning



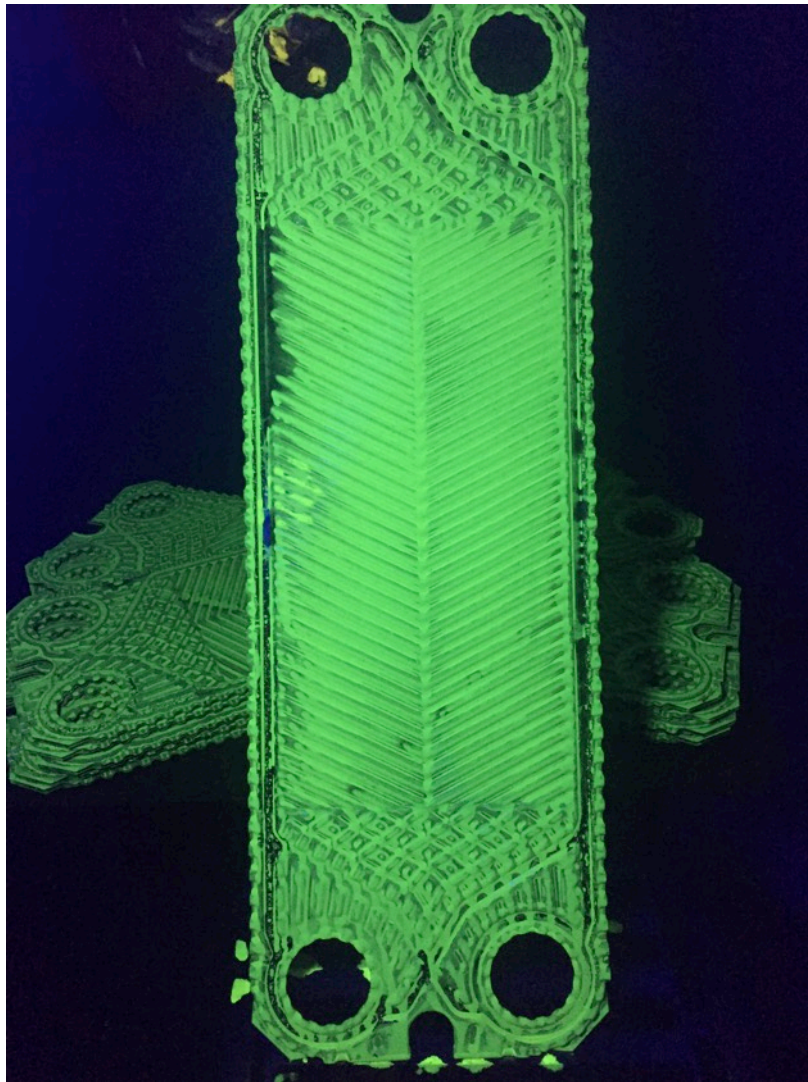
Plates After Cleaning



Inspection for Defects Like Plate Deformation



UV Crack Testing



We use special UV equipment to spot all cracks and pinholes



Plate Pack Shipping to Client





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