

Root Cause Failure Analysis for Gas Turbine HRSGs and Fired Boilers

Failure analysis is tricky business. Tracing problems back to the root cause requires judgment and experience – lots of it!

For example, a boiler owner may know his superheater scaling problem is caused by carryover, but what is causing carryover? It's important not to jump to conclusions.

The experts at HRST have the knowledge and understanding of boiler design and operation needed to resolve the problems faced by plants today.



Severe SCC damage to a stainless steel superheater tube

This 8" pipe, originally ½" thick is now less than half of that. Thinning was caused by flow-accelerated corrosion (FAC).



Let HRST be your boiler failure analysis resource:

- **Tube Failures**
- **Casing Cracks**
- **Circulation Problems**
- **Steam Purity**
- **Burner Problems**
- **Performance Shortfall**
- **Control Problems**

You don't have to live with boiler problems!