

Putting a STOP to HFO Boiler Emergency Shutdowns!

Preventing HFO boiler fireside corrosion with HVTS alloy cladding



Fireside Corrosion in HFO Boilers

This power plant, located in Saudi Arabia, operates 2 X 602MW HFO boilers. The boilers were suffering from regular tube leaks and subsequent emergency shutdowns due to fireside corrosion (under deposit corrosion from Sulphur and Vanadium).

IGS HVTS Alloy Cladding Solution

IGS has a long and successful track-record of protecting HFO boiler internals suffering from high temperature corrosion attack, sulphidation, and under-deposit corrosion. This track-record, combined with the ability to rapidly mobilize equipment and highly skilled technicians for the application of an extremely high quality and robust protection system, makes IGS the ideal partner for power plant asset owners worldwide.



Fireside Corrosion Mitigation Timeline

2016: 280m² in Unit 1, 280m² in Unit 2

2019: 900m² in Unit 1

2021: approx. 900m² in Unit 2

