

COMBINED CYCLE SOLUTIONS

Let us provide a complimentary inspection of your combined cycle station to pinpoint issues that may become significant problems if left unaddressed.

Using state-of-the-art thermal cameras, our trained inspectors will survey your equipment pinpointing hot spots and trouble areas.

After a careful analysis of your situation, we will provide specific recommendations for repairs to assist you with your long-term maintenance schedules.



These images show roof penetration seals revealing a number of issues. Because of the close proximity of these joints to each other, if one fails it will cause the failure to spread to others.

The solution was to replace internal insulation, repair/replace liner plates, replace any missing hardware, and replace penetration seals.

WE INSPECT AND REPAIR

Comprehensive analysis of the entire unit's expansion joints, cold casing duct work and penetration seals consolidated into a single report delivering current data and future repair recommendations. Evaluation includes: current unit conditions, repair priority list, photographs, and thermography.

We Install the Following Expansion Joints:

- Air Inlet Expansion Joints
- HRSG Inlet Expansion Joints
- Pipe Penetration Seals
- Roof, Floor, Side Entry
- Fabric and Metal
- Clamshells
- Stack Inlet Expansion Joints

HRSG Related Services:

- Diffuser Rebuilds
- Trough Rebuilds
- Transition Duct
- Hot spot/liner plate repair and re-insulating
- Complete casing replacement



**Contact us to learn more about
Liquidmetal Industrial Solutions.**





TURNKEY OR STAND-ALONE MECHANICAL SERVICES

Trough Rebuild
Diffuser Rebuild
Transition Piece
Casing Repair/Rebuild
Piping/Steam Tube Replacement

Cooling Towers
Exhaust Stack
Damper Installation
Boiler Feed Pumps
Tank Work



Plant Equipment

HRSGs
Tanks
Piping/Valves
Cooling Towers
Expansion Joints
Motors
Boiler Feed Pumps
Vertical Spindle Pumps

Certifications

NBIC R Stamp and ASME S Stamp
ASME Sect I Boilers
ASME Sect VIII Pressure Vessels
API 650 AND 653 Tanks

Safety

EMR Under 0.66
1.5 Million+ Hours Accident Free
ISNetwork A+ Rating

Specialties

Turnkey Outage Contractor/Management
24/7 Emergency Response/Support
Specialty Pressure Part Welding
Weld Overlay
Inspections
Sandblasting and Ventilation
Carbon Fiber Wrap Tank/Pump Repair
High Pressure Piping Replacement/Repair