



Located downstream of the gas turbine diffuser, the HRSG inlet expansion joint is typically a cold-to-cold fabric joint; where the upstream and downstream ducts are internally insulated.

Like all **BADGER** expansion joints in combined-cycle operation, the HRSG inlet is engineered to withstand high temperatures, UV deterioration, and the potential for heavy cycling. With hundreds of combinations of HRSG and ductwork OEMs, every component of the expansion joint is custom designed for each application.

Turnkey retrofit options are also available, depending on the frame and hardware configuration, condition of the internal liners, and the quality of the internal insulation. Repacking the upstream and downstream insulation helps reduce the casing temperature and extends the life of the composite belt.

HRSG Inlet Expansion Joint features:

- Custom engineered for each site's unique application
- Designed for high temperatures and heavy cycling
- Inspection of internal liner plates and retaining stud assemblies will determine repair or replacement strategy



***BADGER's** new design for HRSG inlet expansion joints is a proven solution to accommodate the extreme operating conditions*



On-Site Services

BADGER's experienced Project Managers provide complimentary inspections to help your team implement best practices for the installation of your new HRSG inlet expansion joint. Building the right maintenance plan in advance reduces outage budgets and helps avoid costly forced shutdowns.

Schedule your free inspection TODAY, instead of TOO LATE.

FREE Inspections

Turnkey Installation Services:

- Expert failure analysis and mitigation
- Internal liner repair
- Duct insulation replacement
- Average duration: 3 – 5 days



BADGER... a leader in Expansion Joint Technology for 100+ Years
METAL & FABRIC EXPANSION JOINTS

AIR INLET | TURBINE EXHAUST | HRSG INLET | PENETRATION SEALS | STACK INLET
Call to schedule a **FREE** inspection



Expansion Joints for HRSG-Inlet-05-2019-Rev.01

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