



EXPANSION JOINTS

EXPERIENCE. EXPERTISE. EXCELLENCE.

Expansion Joints for HRSG Stack Inlet

Application Brief



The exhaust stack is connected to the outlet of the HRSG with uninsulated ducting and an expansion joint. Despite the low temperatures (under 350°F-400°F) and minimal movements, the expansion joint installed at the stack requires careful material selection, design construction, and installation to ensure reliable operation.

HRSG Stack Inlet Expansion Joint features and conditions:

- Assembled on-site and constructed of a thin-layered fabric belt
- Susceptible to corrosion due to dew point environment, requiring an acid resistant material
- Gasket and bolting hardware selections are critical to a long service life
- Experienced service teams provide turnkey installation from scaffolding or boom lift



Failed stack inlet expansion joint due to corrosion



Fabric material selection is key to ensure the expansion joint can withstand the corrosive environment

BADGER INDUSTRIES
A Division of Markovitz Enterprises, Inc.
100 Badger Drive
Zelienople, PA 16063



Tel: (724) 452 4500
Fax: (724) 452 0802
sales@badgerind.com
www.badgerind.com



On-Site Services

BADGER performs On-Site Service for inspection, installation supervision and repair of fabric and metal expansion joints. Site inspections are the core of our HRSG product offerings, as every site has unique installation requirements. Our experienced technicians can identify potential interferences from pipes and structural supports and assist with outage planning.



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

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