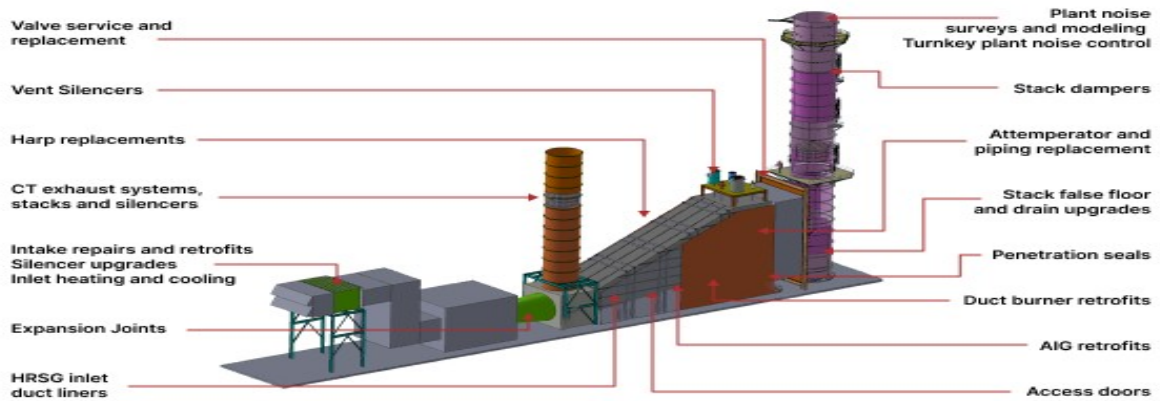




TURNKEY OUTAGE SUPPORT FOR GAS PLANTS



SVI BREMCO Announces Expanded Gas Turbine Exhaust Solutions for Power Generation Facilities

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SVI BREMCO, is expanding its gas turbine exhaust solutions designed to address operational challenges at power generation facilities across the United States.

The company has engineered gas turbine silencer systems that utilize Computational Fluid Dynamics (CFD) modeling to analyze aerodynamics throughout exhaust systems, addressing flow distribution issues that improve performance in Simple Cycle exhaust systems as well as Combined Cycle systems with Heat Recovery Steam Generators (HRSG).

A recent project at a combined-cycle power plant demonstrated the application of these technologies when the facility required replacement of an egg-crate style turning vane set in their HRSG unit. The engineering team conducted CFD analysis to evaluate flow distribution. As a result, SVI BREMCO developed a new deflector plate with an open area as the solution.

"Industrial facilities require engineering solutions that address both immediate operational needs and long-term efficiency goals," said Scott Schreeg, Director of Sales at SVI BREMCO. "The integration of CFD modeling with practical implementation strategies enables us to develop solutions that minimize plant downtime while improving performance and maintaining safety standards."

The CFD analysis is also vitally important to gas turbine silencer systems which are part of the company's Gas Path Solutions(TM) division (SVI Dynamics). Together, SVI BREMCO provides turnkey exhaust system support for gas power plants. Services include exhaust system inspections to establish preventative maintenance plans, component repairs and replacements, and system upgrades designed to meet thermal, aerodynamic, and noise requirements.

SVI BREMCO also offers HRSG harp replacement, HRSG tube repair, and plant maintenance services. Industrial mechanical services include valve repair and maintenance, industrial welding, machining services, jacketed piping fabrication, and waterjet fabrication. These services support power generation, chemical, petrochemical, and pulp and paper industries.

Recent projects have demonstrated the application of flow modifier technology in addressing structural fatigue concerns and thermal efficiency challenges in HRSG units. The engineering approach combines performance requirements with manufacturability constraints to develop practical solutions for industrial facilities.

Power plant managers seeking more technical information about gas turbine exhaust solutions and HRSG maintenance can connect with SVI BREMCO on LinkedIn, where the company publishes case studies and engineering analyses.

Founded in 1993 and headquartered in Pineville, North Carolina, SVI BREMCO provides industrial plant maintenance solutions for power generation and industrial facilities. Comprising three divisions?SVI Industrial, SVI Dynamics, and BREMCO?this privately held company employs between 51 and 200 professionals specializing in industrial contracting, mechanical services, gas path solutions(TM), and industrial masonry services.

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SVI BREMCO

SVI BREMCO specializes in industrial plant scheduled maintenance with turnkey support for power, chemical, paper, and petroleum plants.

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