



Retrofit Silencing

Power Market

Retrofit Silencing

TO RENEW PLANT COMPLIANCE

High-performance and cost-effective retrofit silencing by an OEM trusted supplier is the ideal solution to bring your plant back into compliance. Silencer failures, noise complaints, worker safety issues and environmental problems demand fast attention and guaranteed results.

Innova has the ability to retrofit any system and take on your overall plant acoustic performance risk. We can provide the entire acoustic EPC scope with a site-wide guarantee. Our in-house engineers will assess your situation and provide you with solutions to give you peace of mind.



NOISE MEASUREMENTS FOR GE FRAME 7FA

Benefits

- » Worldwide fabrication network
- » Experience with all OEM turbines
- » Silencers for all applications
- » Cost-effective attenuation
- » One-stop, turnkey solutions
- » Financial stability
- » Single source of responsibility
- » ISO pre-qualified global suppliers and fabricators

Features

- » In-house engineering
- » Designs verified with CFD and FEA
- » Strict quality control – ISO 9001:2008
- » Comprehensive site noise survey
- » Site installation with live plant construction experience
- » Post-construction testing
- » Regulatory analysis
- » Able to meet difficult or unusual structural and noise requirements
- » Excellent labour relations and safety record
- » High performance silencer systems

Add-on Services

- » Acoustical consulting
- » Foundation design
- » Field technical assistance / installation

DESIGN SOFTWARE TOOLBOX

- Finite Element Analysis (FEA)
- Computational Fluid Dynamic Analysis (CFD)
- Autodesk Inventor and 3D solid models
- CadnaA and in-house silencer acoustic modeling
- Primavera scheduling software

Add-on Products

- » Complete gas turbine exhaust and intake with Higgott-Kane™ silencing system
- » Silencers for all applications
- » Lined and unlined stacks and ducts
- » Acoustical buildings, barriers and enclosures
- » Noise absorbing barriers
- » Quiet ventilation systems
- » SCR or CO catalyst systems for NOx and CO removal
- » Bypass system with diverter damper
- » HRSG system

Engineering Competencies

- » In-duct flow and noise measurements
- » Exhaust system integrity analysis
- » Low frequency and vibration analysis
- » Scale model for flow simulation

Leverage our Experience

When problems impact your bottom line or jeopardize your compliance to regulations, trust the experts for advice and solutions that take into consideration all aspects of your plant health—from intake to exhaust. We are your single source of responsibility that mitigates your risk, improves cost control and speeds up the project completion. We're with you every step of the way.

With experience on hundreds of successful power plant retrofits, we can engineer a solution to suit your needs—guaranteed.



EXHAUST SYSTEM RETROFIT

INNOVA
GLOBAL

Balance Without Compromise™

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