



Retrofit

Oil & Gas

Retrofit Silencing

TO RENEW COMPLIANCE

High-performance and cost-effective retrofit silencing by an OEM-trusted supplier is the ideal solution to bring your facility into compliance. Silencer failures, noise complaints and worker safety issues demand fast attention with guaranteed results. Innova has the ability to retrofit any system. Our in-house engineers can analyze your situation, make recommendations and provide the entire acoustic EPC scope covered by a site-wide compliance guarantee.



ACOUSTICAL RETROFIT FOR A COMPRESSOR STATION INCLUDING VENTILATION AND SILENCERS.

Applications

- » Compressor stations
- » Gas processing facilities
- » Gas plants
- » SAGD installations
- » Drilling sites
- » Petrochemical plants
- » Refineries
- » Pump facilities
- » LNG facilities
- » Upgraders

Features

- » Environmental noise surveys
- » Diagnostic noise measurements
- » Regulatory analysis
- » Acoustical, mechanical and structural engineering
- » Comprehensive site noise survey
- » Mechanical and structural integrity analysis
- » Designs verified with Computational Fluid Dynamics (CFD) and Finite Element Analysis (FEA) Installation and site quality assurance
- » Strict quality control – ISO 9001:2008

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

Benefits

- » Custom silencing for all applications
- » Cost-effective attenuation
- » One-stop, turnkey solutions
- » Single source of responsibility
- » Experienced installers and erectors for quality installation
- » Guaranteed performance

Balanced Design Approach™

Our optimization of a facility's noise attenuation balances silencing measures with cost to deliver the acoustic design that meets your needs as inexpensively as possible. Our goal is the same as yours: We don't over-design, so you don't over-pay.

Engineering Competencies

- » In-duct flow and noise measurements
- » Exhaust system integrity analysis
- » Low frequency and vibration analysis
- » Scale model or CFD analysis for flow simulation
- » Mechanical and structural integrity analysis
- » Foundation design
- » Field technical assistance / installation

Add-Ons

- » Exhaust and intake systems
- » Acoustical buildings, barriers and enclosures
- » Quiet ventilation systems
- » Oxidation catalyst systems for CO removal

Leverage our Experience

For 40 years, Innova has been the industry supplier of choice, with more than 3,500 projects in 54 countries. The combination of our state-of-the-art designs, extensive fabrication experience and portfolio of proprietary acoustic assemblies guarantees success.



Balance Without Compromise™

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