



# ACOUSTICAL BUILDINGS & ENCLOSURES

## Scope of Building Capabilities

A leading provider of noise suppression solutions, Vertex offers acoustical buildings and enclosures for areas sensitive to excess noise. Our approach to optimizing a building's noise attenuation balances acoustical wall and roof assemblies with ventilation and other facility noise controls to efficiently reduce environmental noise levels.

Our buildings are able to be shipped as a complete building to site or as prefabricated modulars for assembly in the field. Our building products combined with our acoustical buildings can accommodate a variety of exterior finishes and architectural features.

Vertex's metal buildings can obtain up to R40 thermal insulation values and sound transmission class ratings from STC 25 to STC 70. Our absorptive systems will reduce noise inside the building with noise reduction coefficients of 0.95 or higher.

### Applications:

- Compressor Stations
- Gas Plants & Turbines
- Gas Storage Facilities
- SAGD Installations
- Generator Sets
- Mining Sites
- Wellsites
- Refineries
- Pump Stations
- LNG Facilities
- Upgraders
- Power Generation & Utilities

- Acoustic In-situ Built or Panelized Assemblies
- Building Steel Structures (Conventional, Hybrid & Pre-engineered)
- RP500 Classified Areas
- Overhead Cranes, Jib Cranes & Monorails
- Mechanical Heating, Ventilation & Air Conditioning Systems (including Silencers)
- Electrical Distribution & Lighting
- Elevators
- Emergency Power Systems
- Fire Suppression & Detection Systems
- Lighting Protection Systems
- Masonry & Foundations
- Skirting
- Acoustic & Conventional Doors, Windows, Frames & Hardwares
- Mezzanines & Platforms
- Miscellaneous Steel

