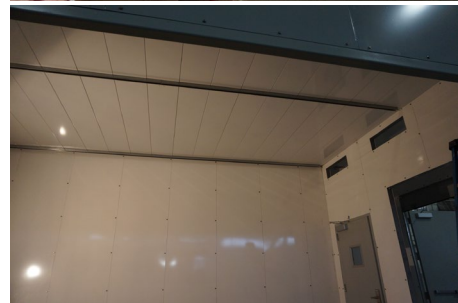


Custom Designed Enclosure Solutions

Electrical Power Distribution Centers

Technibus can provide custom engineered Power Distribution Centers (PDC) and Skid-Mounted Systems. Each solution is engineered per each customer's specification and design criteria. Technibus can fully integrate low and medium-voltage equipment, transformers, as well as control and relay systems.



Sound Attenuated Generator Enclosures

Technibus provides sound attenuated generator enclosure systems for natural gas and diesel fueled generator units. Enclosures can be provided with structural subframes, fuel delivery systems, and custom exhaust systems. Enclosures are designed to meet customer specified sound and air flow requirements. UL listed options are available for enclosures and diesel fuel tanks.



Custom Designed Enclosure Solutions



Each custom enclosure is engineered to meet the customer specifications and project requirements. The exterior walls are constructed with an interlocking panel design and uses an epoxy powder-coat paint system for durability. Equipment doors are customized for easy access and man doors can be provided with removable transoms for removal and installation of large power equipment.

The interior of the custom enclosure is integrated using wireway or conduit per the customer requirements. The custom enclosures can be designed to include low-voltage or medium-voltage electrical equipment, protective relay panels or designed as a sound attenuated generator enclosure. Site conditions are considered in the structural design criteria, as well as HVAC heating and cooling requirements.



Technibus has in-house fabrication and manufacturing capabilities for all types of structural steel members and assemblies. Designs can be galvanized or painted per customer specifications. Structural calculations for seismic, wind or snow loadings can be provided with PE stamps, as required.



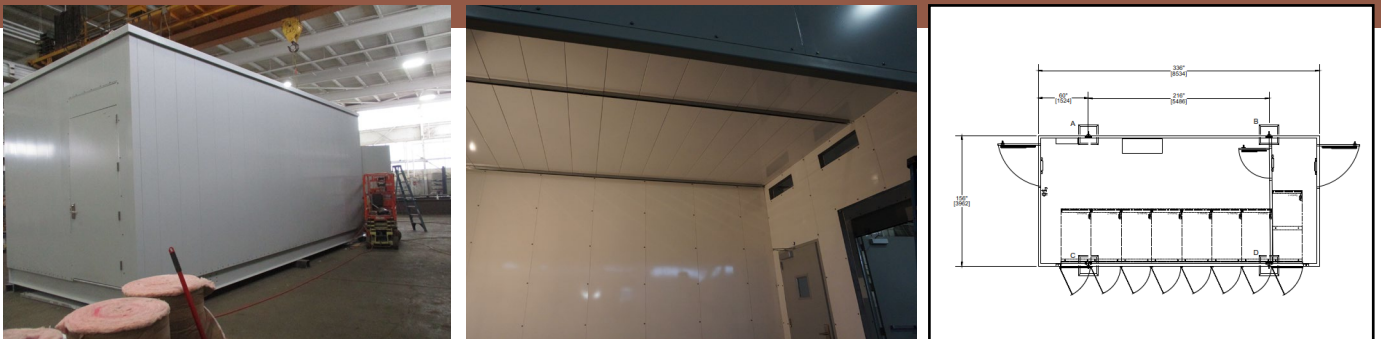
Custom Enclosure Project Experience

LV Electrical Equipment Enclosures & Natural Gas Generator Enclosures Project



Technibus executed a project for NYC Housing Authority that included design and manufacturing of (9) LV Electrical Equipment Enclosures and (9) Sound Attenuated Natural Gas Generator Enclosures. Enclosures were manufactured from 12g A60 Galvannealed Steel. All enclosures were fabricated, assembled, integrated and witness tested at the Technibus facility.

Electrical Equipment Enclosures for Pipeline Projects



Technibus was contracted to provide (5) Electrical Equipment Enclosures for multiple pumping stations for a major Pipeline customer. The enclosures included separate rooms for arc flash protection for technicians working on-site. Each enclosure included a 12" steel channel base and 18g A60 Galvannealed Steel exterior wall panels. Enclosures were rated 115mph wind loading and Seismic Design Category C.

Generator Output Circuit Breakers

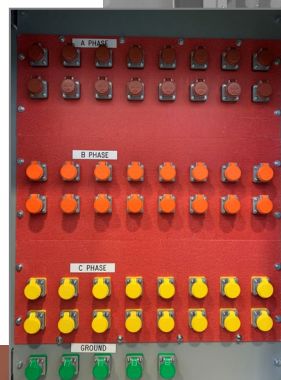
Technibus provides custom designed generator output switchboards to meet specific dimensional and electrical requirements of any generator OEM manufacturer. These switchboards can be free-standing or alternator-mounted for ease of installation and use.

Technibus generator output switchboards can be constructed with any OEM brand of circuit breaker up to 5000 Amperes. Switchboards are designed for up to 600VAC and up to 100KAIC interrupting capacity. Paint colors can be standard ANSI 61 gray, or any specified color required. Each switchboard is designed per UL891 Switchboard standards.



Technibus generator output switchboards can be configured with many available options:

- Load Bank or Portable Generator Receptacles
- Temperature Monitor Systems
- Infrared (IR) Viewing Windows
- High Resistance Ground Systems
- Arc Flash Reduction Systems



Custom Exhaust Plenums

Technibus provides custom exhaust plenums for sound attenuated diesel generator enclosure integrators. Technibus designs each exhaust plenum based on many site factors that include wind loading, seismic design category, exhaust height requirements, air-flow, and many others. Technibus exhaust plenums can be certified by a Professional Engineer (PE) and can be designed per specific standards such as SMACNA or others. Plenum height can be designed up to 80' AFG and can be configured in single-wide or double-wide construction.



Technibus custom exhaust plenums match the generator enclosure paint specifications and color. The Technibus design also allows the ability to add to the height of each plenum for future site requirements. The plenums can be used with most major generator enclosure integrator designs and generator OEM manufacturers.

