
Major Projects Completed

Project: Fiona Stanley Hospital (Western Australia)
Client: Triple M
Scope: Design, manufacture & install Acoustic Enclosures for **Cummins** Gas & Diesel Gensets. Design & manufacture Exhaust Systems & Boiler Flues. Fiona Stanley Hospital is the **biggest** hospital in the **Southern Hemisphere**.
Duration: 4 months

Project: QE 2 Hospital (Western Australia)
Client: MTU
Scope: Design & manufacture Exhaust Systems (120metres high). Supply of acoustic treatments to generator room with 4 diesels and acoustic enclosure to the gas unit. Cooling system pipe works and heat recovery system for the exhaust on the gas unit and all fuel systems.
Duration: 6 months

Project: QE 2 Hospital (Western Australia)
Client: CMS
Scope: Design and supply of all acoustic treatments for HVAC attenuation of the central energy plant and design and install of boiler flue's (120metres High).
Duration: 3 months

Project: Picton Peak Lopping (Western Australia)
Client: Energy Power Systems Australia
Scope: Design & manufacture 5 off Acoustic Enclosures for Caterpillar 3516B. Complete with all Mechanical Systems.
Duration: 6 months

Project: Ravensthorpe (Western Australia)
Client: MTUDDA
Scope: Custom built Acoustic Enclosures, 5 x 40', Super High Cube Containers to house 20V4000G65 generator sets.
Duration: 5 months

Project: Bechtel Gas Plant (Australia – Queensland)
Client: Energy Power Systems Australia
Scope: Design & Manufacture 6 off Acoustic Enclosures for 3516BHD Caterpillar Gensets
Duration: 6 months

Project: **AL-DUR (Bahrain)**
Client: **Hyundai Heavy Industries (Ulsan – South Korea)**
Scope: Design & manufacture 4 off Acoustic Enclosures for Caterpillar 3612 Generator Sets for **50deg ambient dusty conditions complete with Inertial Filtration Systems**.
Duration: 8 months

Project: Mobile Generator Sets (U.A.E)
Client: Abu Dhabi Distribution Company (ADDC)
Scope: Design & manufacture 4 off Trailer mounted Acoustic Enclosures for Cummins C2000 and C1100 Generator Sets for **50deg ambient dusty conditions complete with Filtration Systems.**
Duration: 7 months

Project: Pluto LNG (Western Australia – Offshore)
Client: Woodside
Scope: Design & manufacture a custom Silencer for main line De-pressurization.
Duration: 3 weeks

Project: Emergency Power (Western Australia)
Client: Horizon Power
Scope: Design & manufacture of 7 off Gensets in 20Ft footprint custom designed Acoustic Enclosures including installation of gensets to Enclosures & associated systems.
Duration: 5 months

Project: Piltun – Platform A
Client: Sakhalin Energy (Russia)
Scope: 316L Stainless Steel ducting for offshore Platform A
Duration: 6 months

Project: Reindeer Wellhead Emergency Genset
Client: Apache Energy
Scope: Design & manufacture Emergency Genset Enclosures in 316L Stainless Steel, with full offshore specifications. Rated for zone 2, T-3 application certified to **IECEX standards.**
Duration: 9 months

Project: Condamine Power Station (Australia – Queensland)
Client: Energy Power Systems Australia
Scope: Design & manufacture Enclosures for 3616 Caterpillar Genset

Project: Carnarvon Power Station (Western Australia)
Client: Horizon Power
Scope: Design & manufacture 5 off 40” containerised Genset Enclosures including installation plumbing of units.

Project: Replacement Air Ducting (Western Australia)
Client: Boeing
Scope: Air intake & Exhaust Ducting for main Power Station at Exmouth
Duration: 2 months

Project: RAS LAFAN Qatar Gas Stage 1, 2, 3 & 4 (Qatar)
Scope: Design and Fabrication of 8 x Acoustic Generator Modules to suit Caterpillar 3616 Gensets for Turbine Black Start Operations

Project: Pinjar C (stage 2) SECWA (now WESTERN POWER)
Scope: Design and construction of an acoustic building to house a 100MW Gas Turbine complete with ventilation system

Project:	Jebel Ali “G” Power Station Upgrade (U.A.E)
Scope:	Design and construction of acoustics, ventilation system, exhaust system fuel and air start system's to suit Black Start Mode and auxiliary generator sets for Siemens Gas Turbines.
Project:	Cat Asia Serdang - Malaysia
Scope:	Design, supply and install acoustic enclosure for a CAT 3608 diesel generator set for black starting a Frame 9 Gas Turbine @ Serdang power station in Malaysia
Project:	Pasir Gudang - Malaysia
Scope:	Design and supply 3 x acoustic enclosures to suit Frame 9 Gas Turbines for a 330MW power station including all support steelwork and turbine ventilation system
Project:	Barcladine Power Station
Scope:	Manufacture of G.D.X and T.T.D gas turbine filter modules
Project:	Salt Union - Runcorn England
Scope:	Design, supply, install and commission 1 x acoustic enclosure to suit a Frame 6 Gas Turbine, including all steelwork, turbine air ventilation system and associated electrical work
Project:	Pilbara Power - Newman
Scope:	Design, supply and install 3 x control rooms including small power electrical and air conditioning
Project:	Mt Isa Mines
Scope:	Design and supply 2 x acoustic enclosures to house Frame 6 Gas Turbines complete with support steelwork and ventilation systems
Project:	Ras Lafan - Qatar
Scope:	Design, supply and supervise installation of acoustic enclosures to house 2 x Cat 3616 (Black Start) generating sets, including steelwork and ventilation systems.
Project:	IHI Goldfields Power
Scope:	Manufacture 3 x LM6000 Turbine exhaust systems.
Project:	Western Mining Power Stations
Scope:	Manufacture of 3 x LM6000 Turbine exhaust systems
Project:	Rolls Royce - Exeter
Scope:	Design and supply of acoustic screen and steel work to surround a Trent Gas Turbine Housing
Project:	Rolls Royce - Bristol
Scope:	Design, supply and installation of acoustic enclosure, steel work, walkways and ventilation system for Trent Gas turbine
Project:	Rolls Royce - Croyden
Scope:	Design, supply and installation of acoustic enclosure, steelwork, walkways, ventilation system, combustion air system and small power and lighting for Trent Gas turbine Phase II design

Project:	Hull 96
Scope:	Design, Manufacture and Install 2 x Exhaust Systems to suit LM2500 Gas Turbines

Project:	Dubai Airport
Scope:	Design, manufacture and supply drop over type acoustic enclosure for Caterpillar 3412 Genset.

Project:	Central Hospital – Abu Dhabi - UAE
Scope:	Design, and supply of acoustic materials, attenuators and exhaust systems for an acoustic building to house 4 x Cat 3516 gensets.

Project:	Oman LNG
Scope:	Design, manufacture and supply 2 x acoustic enclosures to house Cat 3608 generating sets, complete with support steelwork, air ventilation system and fire protection system.

Project:	Kuwait Navy Patrol Boats
Scope:	Design, construct and install stainless steel exhaust systems into 4 x Navy Patrol Vessels.

Project:	Hong Kong Police Patrol Boats
Scope:	Design, construct and install stainless steel exhaust systems into 6 x Police Patrol Vessels.

Project:	Red Barge - Philippines
Scope:	Design, manufacture and install acoustic building and associated ventilation equipment housing 12 x Wartsila 3.5MW generating sets

Project:	Lucky Powertech - Pakistan
Scope:	Design, and supply 14 sets of inertial filter/ventilation packages for cement manufacturing plant in Pakistan.

Project:	Minahasa Gold (Indonesia)
Scope:	Design, and supply 5 sets of air ventilation, including inertial filters, acoustic louvres, fans and accessories to suit Cat 3608 generating sets.
