



TOTAL

ENGINEERING SOLUTIONS AUSTRALIA

CAPABILITY STATEMENT



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ABOUT US



BUSINESS PROPOSAL

Total Engineering Solutions powers a growing world that relies on exceptional engineering expertise to deliver high-quality solutions every day. Our company's mission is to provide innovative, reliable, and sustainable engineering solutions tailored to the needs of both communities and industries.



BUSINESS PLAN

Total Engineering Solutions offers comprehensive engineering services designed to meet the specific requirements of your business. By leveraging our expertise in power generation systems, we aim to deliver tailored solutions that ensure operational excellence and sustainability.



CORE COMPETENCIES

Our key areas of expertise include:

01

Power Systems and Installations: Design Custom-Built Fuel Tank Design, Diesel Generator Installation, Co-Generation and Tri-Generation Power Plant Installations, Diesel, Bio, and Natural Gas Fuel Systems.

02

Industrial Installations and Maintenance: Manufacturing Plant Setup, Plant Relocation, Structural and SS Fabrication, Advanced Rigging, Boiler Making, Mechanical Fitting, and Plumbing.

03

Design and Engineering: Detailed Design and Planning, Structural Fabrication Solutions.

04

Project Management: Comprehensive oversight ensuring cost-effective and timely project delivery.



MANAGEMENT AND TEAM PROFILE

Our team consists of highly skilled professionals with extensive experience in engineering, project management, and industrial solutions. We value teamwork, ownership, and leadership, ensuring that every project is executed with precision and excellence. Our leadership team drives innovation and sets the benchmark for quality and reliability in the industry.



MAJOR CLIENTS LIST



MULTIPLEX



AW EDWARDS



erilyan



Global Switch



NEXTDC

iplex



CLIMATECH



EQUINIX



DELTA ELCOM

KANE

Kenshaw



FDC

Simplot AUSTRALIA

TAYLOR



Stowe Australia since 1910



Heyday Group



PRODUCT AND SERVICES

01

Custom-Built Fuel Tanks: Tailored solutions for diverse industries, ensuring quality and client satisfaction.

02

Advanced Rigging: Safe and efficient lifting and rigging services backed by extensive expertise in heavy equipment handling.

03

Comprehensive Project Management: Expert guidance for the most complex engineering challenges, helping clients achieve productivity and efficiency.

04

Power Generation Solutions: Diesel Generator Installation, Co-Generation and Tri-Generation Power Plant Installations, and more.

05

Industrial Maintenance and Installation: From structural fabrication to plant relocation, we provide a full spectrum of industrial services.



COMPLETED PROJECTS



Client Name: Piller Australia – NextDC S3, Artarmon, NSW

Overview: Rigging & Installation of 4 x RUPS Units



COMPLETED PROJECTS



Client Name: Evo Energy Technologies – Bathurst, NSW

Overview: 3 x CHP Engine + HRSG and Exhaust System Installation ,

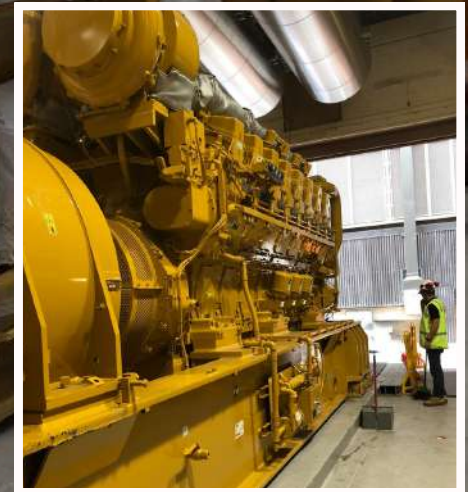


COMPLETED PROJECTS



Project Name: Caterpillar (Industrial Power System) – Sydney, NSW

Overview: Rigging and Installation of 4 x 8MW Caterpillar Generator

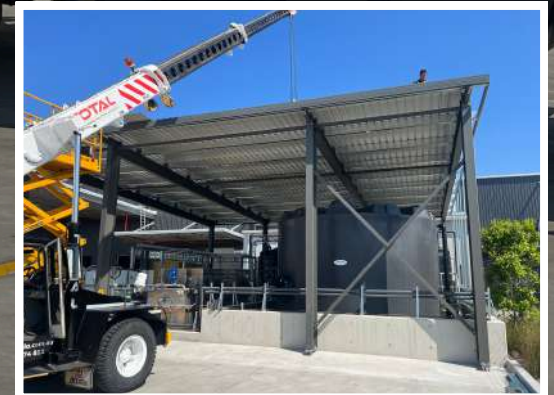


STRUCTURAL FABRICATION



Principal Contractor: Pact Group – Jalco Horsley Park, NSW

Overview: Design, Fabrication and Installation of DAF Plant Roof

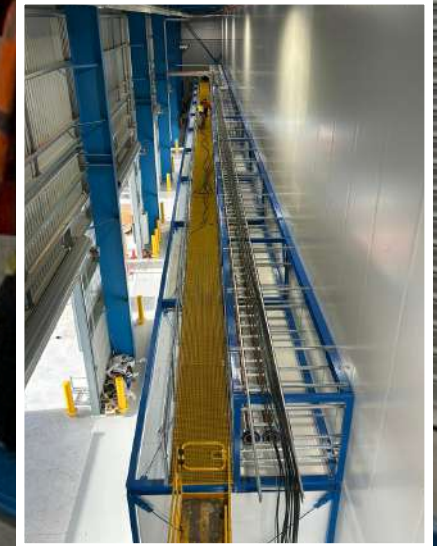


STRUCTURAL FABRICATION

PACT
GROUP

Principal Contractor: Pact Group – Pemulwuy, NSW

Overview: Design, Fabrication and Installation of Pipebridge Steel Structure



STRUCTURAL FABRICATION



Principal Contractor: Pact Group – Pemulwuy, NSW

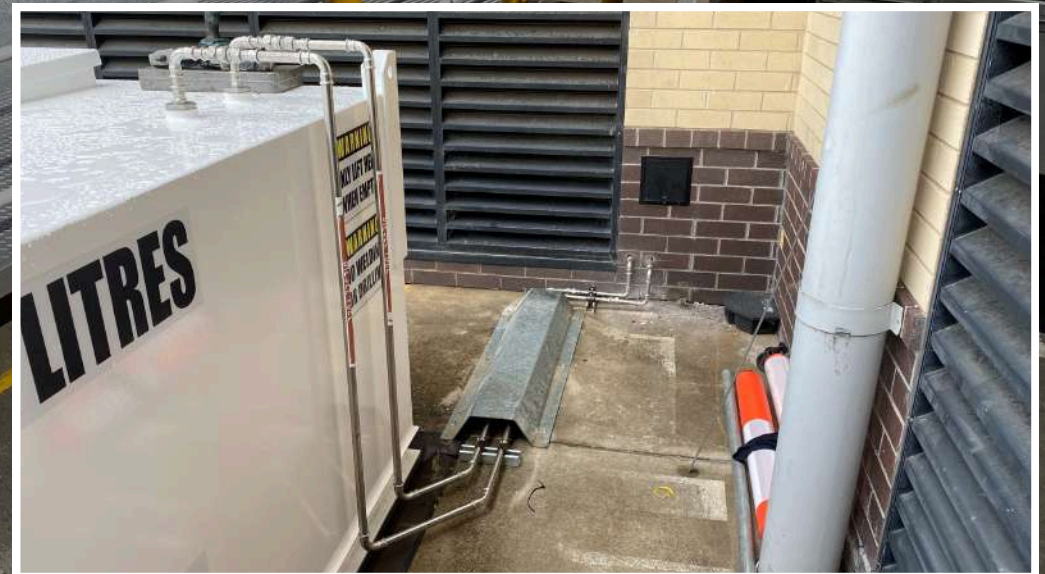
Overview: Design, Fabrication and Installation of Pipebridge Steel Frame



FUEL TANK FABRICATION

**ADVANCED
DIESEL
SOLUTIONS**

Principal Contractor: Advanced Diesel Solutions (ADS) – Westmead Hospital, NSW
Overview: Design, Fabrication and Installation of 6000L Double Wall Tank



FUEL TANK FABRICATION

Principal Contractor: Cummins South Pacific – Pitt St, Sydney Metro, NSW

Overview: Supply, Fabrication and Installation of 1000L Double Wall Tank & Fuel Pump Skid Assembly



FUEL TANK FABRICATION



Principal Contractor: Cummins South Pacific – Pitt St, Sydney Metro, NSW

Overview: Supply, Fabrication and Installation of 25000L Double Wall Tank



PIPING FABRICATION



Principal Contractor: Pact Group – VIP Packaging – Minto, NSW

Overview: Supply, Fabrication and Installation of Chiller Unit & Pipeline

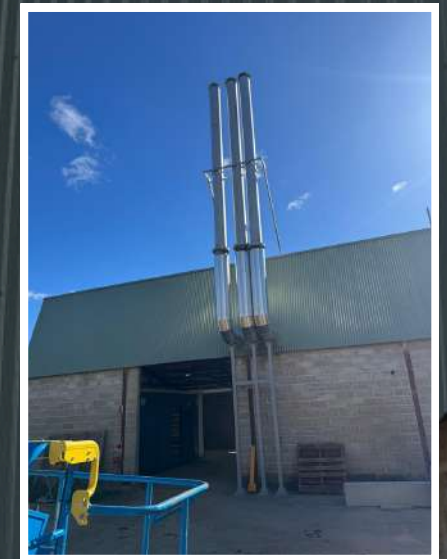


PIPING FABRICATION



Principal Contractor: Simplot Bathurst, NSW

Overview: Design, Fabrication and Installation of Exhaust Pipeline & Support Frame

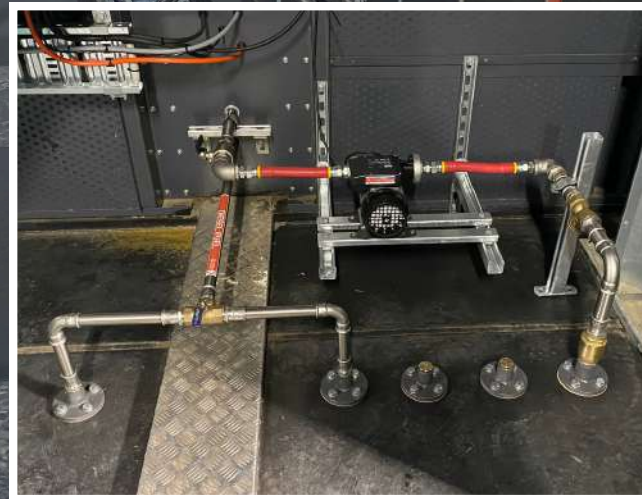


FUEL SYSTEM INSTALLATION



Principal Contractor: Kenshaw Electrical – CDC Canberra

Overview: Design, Fabrication and Installation of Fuel Pipe Line Connection to the Generator

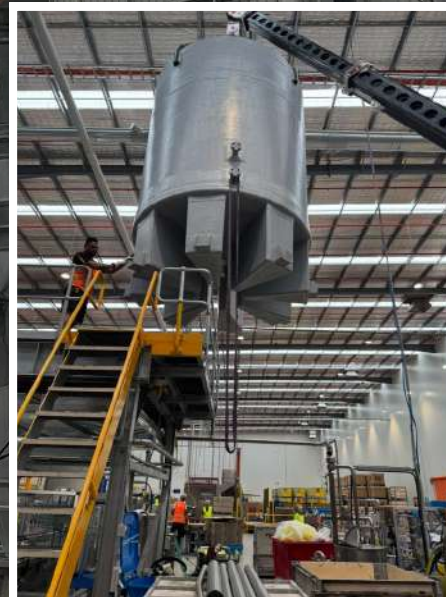


PLANT RELOCATION



Principal Contractor: Pact Group – Jalco Horsley Park, NSW

Overview: Relocation & Installation of Storage Tanks & Platforms

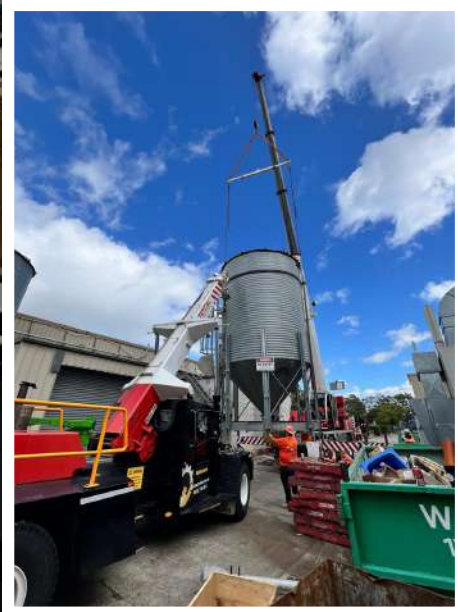


PLANT RELOCATION

PACT
GROUP

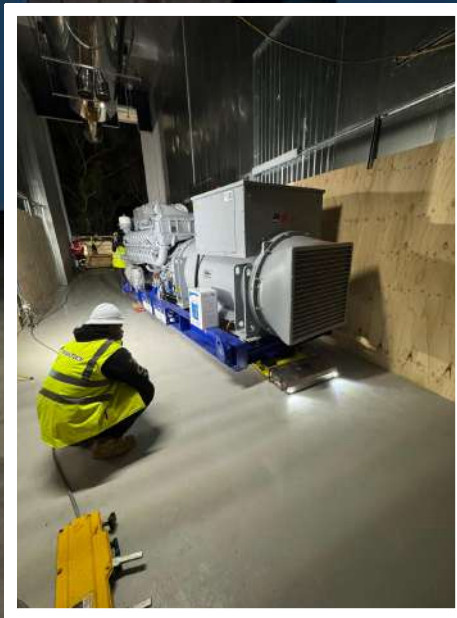
Principal Contractor: Pact Group – Blacktown, NSW

Overview: Relocation & Installation of Silo

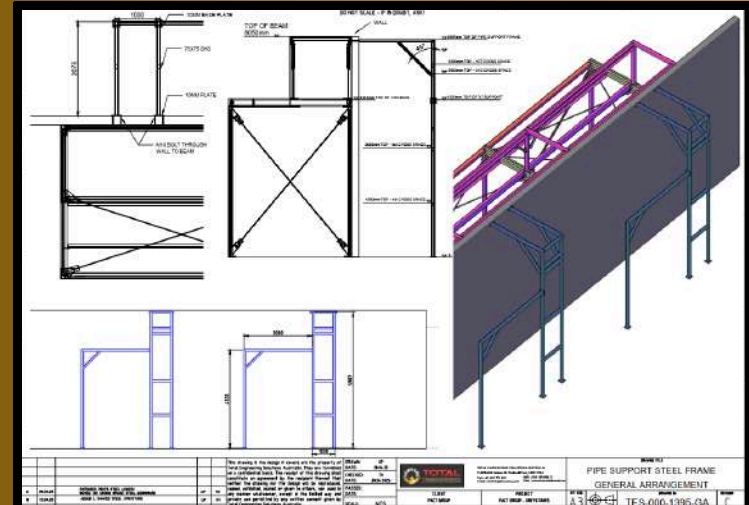
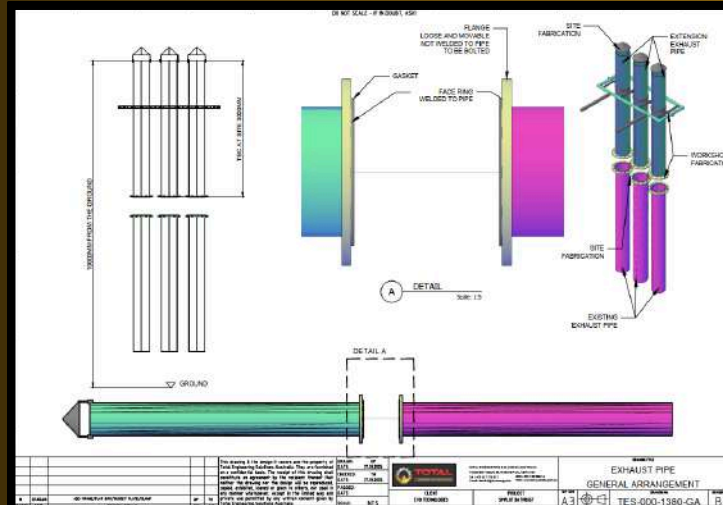
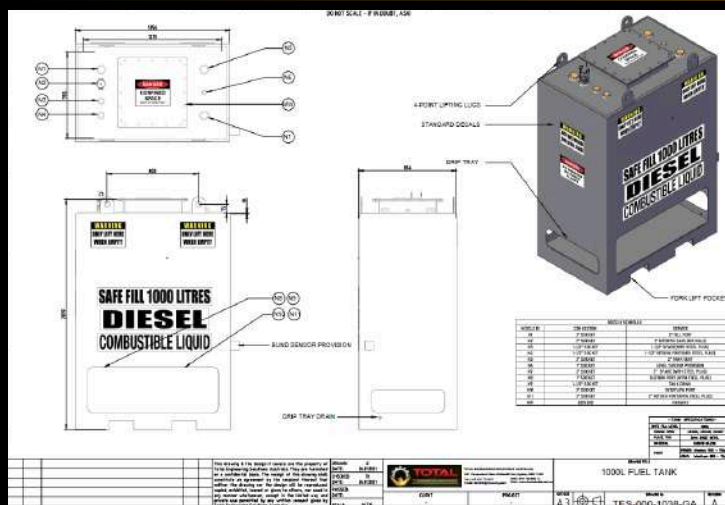
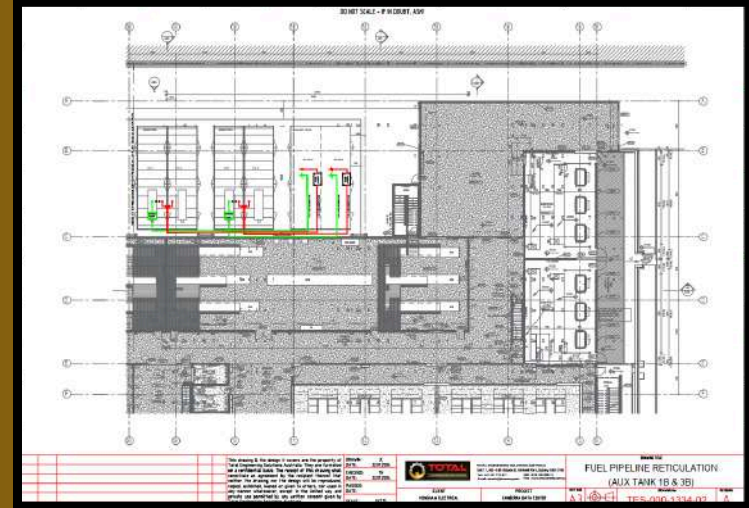
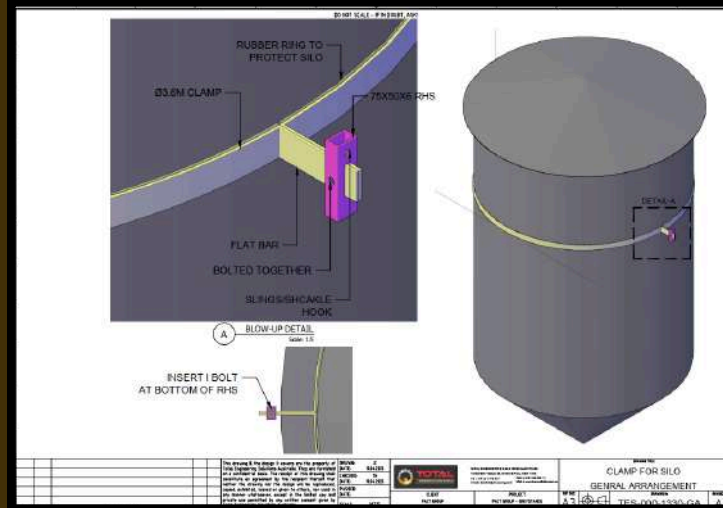
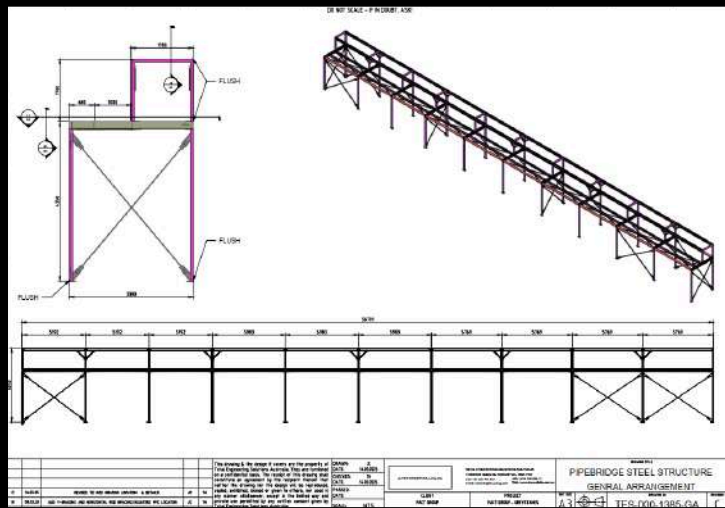


RIGGING HEAVY MACHINERIES

Overview: Rigging, Positioning & Installation



ENGINEERING DRAWINGS



FUTURE PROJECTS



RUPS INSTALLATION

Installation of RUPS Units for Data Centres all around Australia



PLANT RELOCATION

Decommissioning and Re-installation of Plant Machineries to different site locations



GENERATOR INSTALLATION

Installation of Generators and Fuel System on multiple building sites



TOTAL

ENGINEERING SOLUTIONS AUSTRALIA

CONTACT DETAILS

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