

COMPANY PROFILE

INNOVATING SOLUTIONS FOR
THE OIL & GAS INDUSTRY



COMPANY INTRODUCTION

YEARS OF EXCELLENCE

15+

CLIENT SATISFACTORILY
SERVED

20+

EQUIPMENT
SUCCESSFULLY DESIGNED

300+



To design and deliver high performance, cost-effective equipment solutions for the oil and gas industry, ensuring safety, reliability, and environmental responsibility. We are committed to advancing technology, optimizing processes, and supporting our client's success by providing cutting-edge designs to meet the requirements of the project and international standards, incorporating advanced materials and manufacturing techniques, that enhance operational efficiency and sustainability across global markets.

To be a global leader in innovative engineering solutions that empower industries to operate efficiently and sustainably, collaboration, technological advancements, and environmental stewardship for a better future.

COMPANY'S VISION

Delight Engineering Consultancy strives to redefine engineering excellence in the oil and gas industry, delivering safe, efficient, and sustainable solutions. By leveraging advanced technology and innovation, we empower clients to thrive in a dynamic global market while ensuring environmental responsibility.

COMPANY'S MISSION

Delight Engineering Consultancy provides cost-effective, high-performance equipment solutions for the oil and gas industry, focusing on safety, reliability, and sustainability, while meeting international standards to enhance operational efficiency and support client success globally.

STORAGE TANK DESIGN



EXTERNAL FLOATING ROOF TANKS

Ideal for large-scale storage, providing evaporation control and convenient operational access.



DOME ROOF TANKS

Engineered for high-pressure applications, providing enhanced strength, safety, and stability.



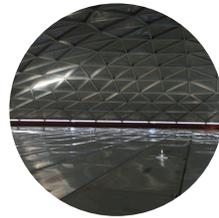
INTERNAL FLOATING ROOF TANKS

Reduces evaporation loss for volatile liquids, ensuring operational safety and efficiency.



CONE ROOF TANKS

Durable, cost-effective solutions for safely storing liquids under normal pressure conditions.



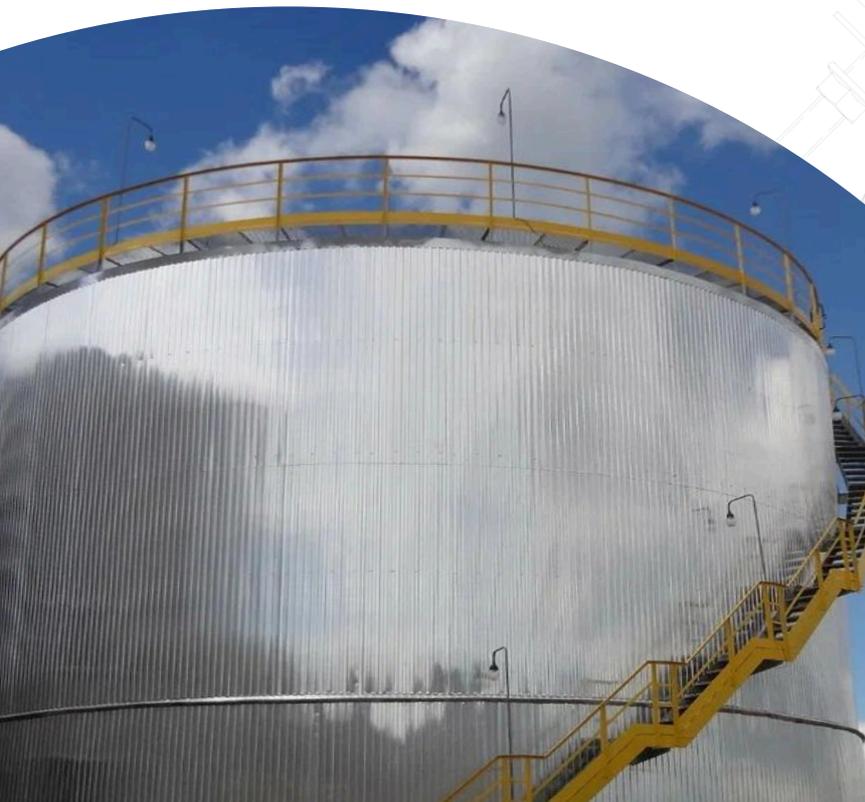
ALUMINUM FLOATING ROOF TANKS

Lightweight, corrosion-resistant roofs designed for safe and efficient liquid storage.



ALUMINUM GEODESIC DOME ROOF TANKS

Combines attractive design with durability, offering minimal maintenance and long-term reliability.



API TANKS

API-620
FULL CONTAINMENT
TANKS

API-620
LOW-TEMPERATURE
TANKS

API-620
DOUBLE WALL
TANKS

API-620
CRYOGENIC TANKS

API-620 & API-650
STANDARD TANKS

PRESSURE VESSEL DESIGN



HORIZONTAL VESSELS

Efficiently designed for safe storage and transport of liquids and gases in diverse industries.



LEG TYPE VESSELS

Robust designs ensure reliable support and performance for demanding industrial applications.



VERTICAL VESSELS

Compact and space-efficient vessels, optimized for enhanced flow performance and industrial utility.



LUG TYPE VESSELS

Specially engineered for secure installations, offering stability and durability under varying conditions.



REACTORS

High-pressure reactors designed for chemical reactions, ensuring reliability, durability, and safety.



SEPARATORS

Advanced solutions for separating gas-liquid or liquid-liquid mixtures effectively and efficiently.



PROCESS COLUMNS

Designed for distillation, absorption, and chemical processing, ensuring reliable industrial performance.



STRUCTURAL STEEL DESIGN



PLATFORM DESIGN

Stable and durable platforms designed for industrial and commercial needs, ensuring reliability and long-term performance.



STEEL PLATFORMS FOR EQUIPMENT

Precision-engineered columns ensuring robust support and structural integrity, designed for durability under extreme conditions.



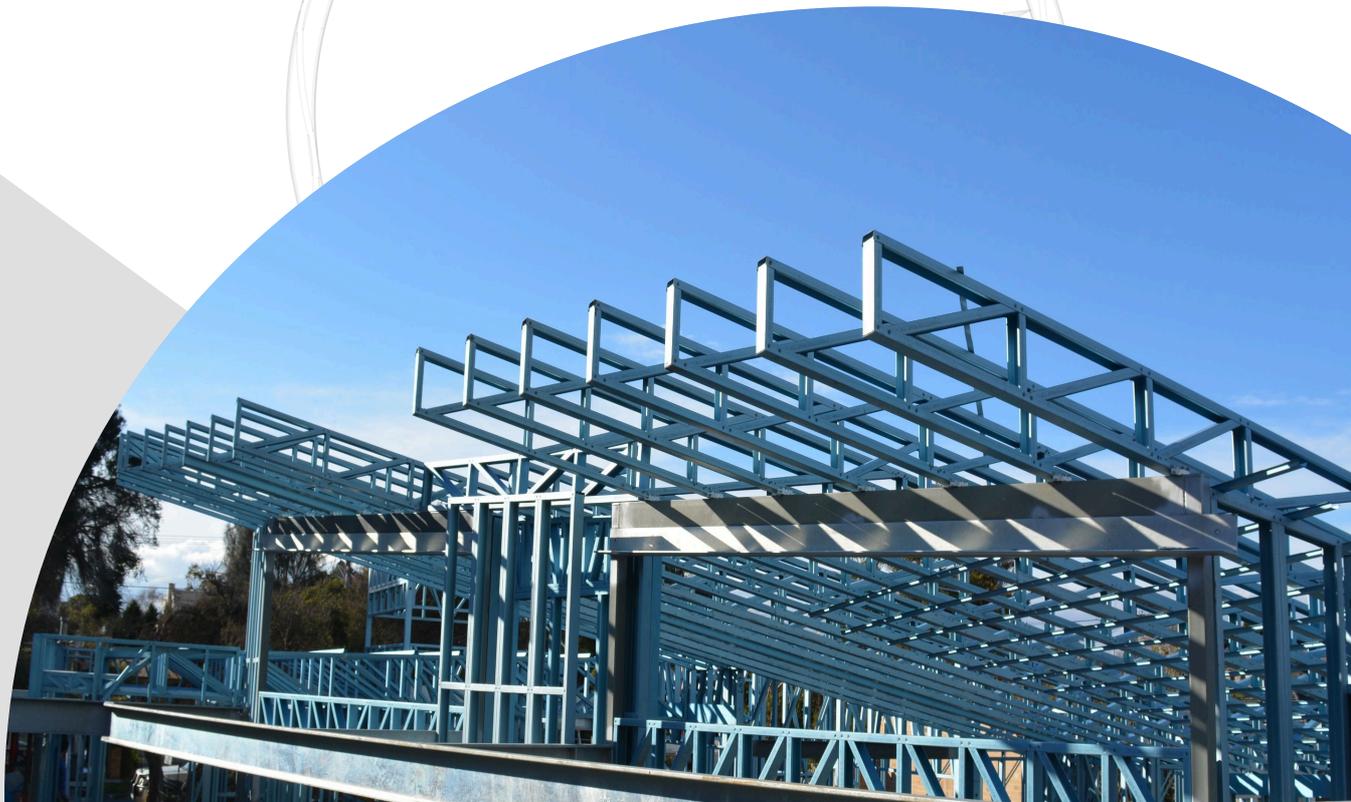
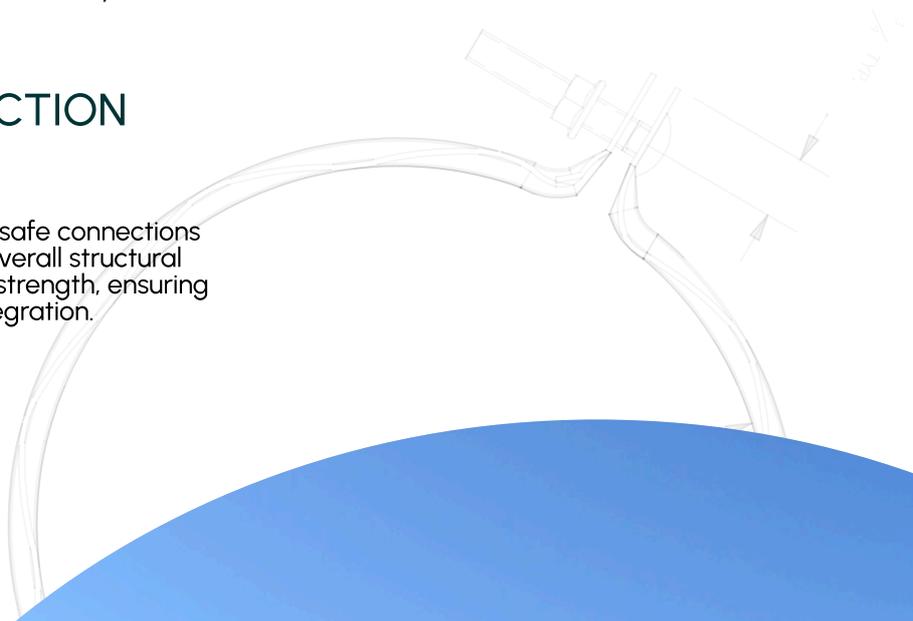
PIPE SUPPORT DESIGN

Reliable designs for securing pipes under various loads and conditions, providing stability and operational safety.

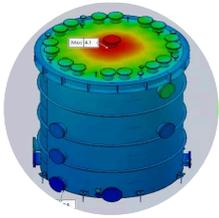


CONNECTION DESIGN

Efficient and safe connections to enhance overall structural stability and strength, ensuring seamless integration.

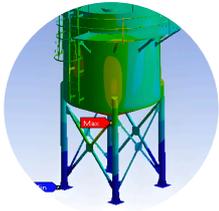


FINITE ELEMENT ANALYSIS



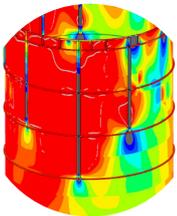
NOZZLE ANALYSIS

We ensure nozzle integrity under pressure and stress, enhancing safety and durability in oil and gas equipment.



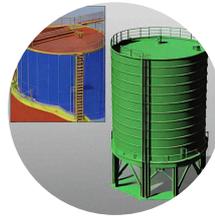
SUPPORT ANALYSIS

We evaluate support systems to maintain stability under operational loads, critical for oil and gas applications.



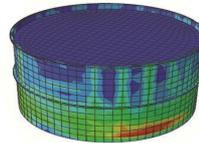
THERMAL ANALYSIS

Our thermal analysis optimises heat management, preventing thermal stress and improving equipment lifespan.



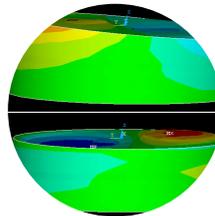
CLEAT ANALYSIS

Our cleat analysis strengthens support structures, providing stability in challenging operational environments.



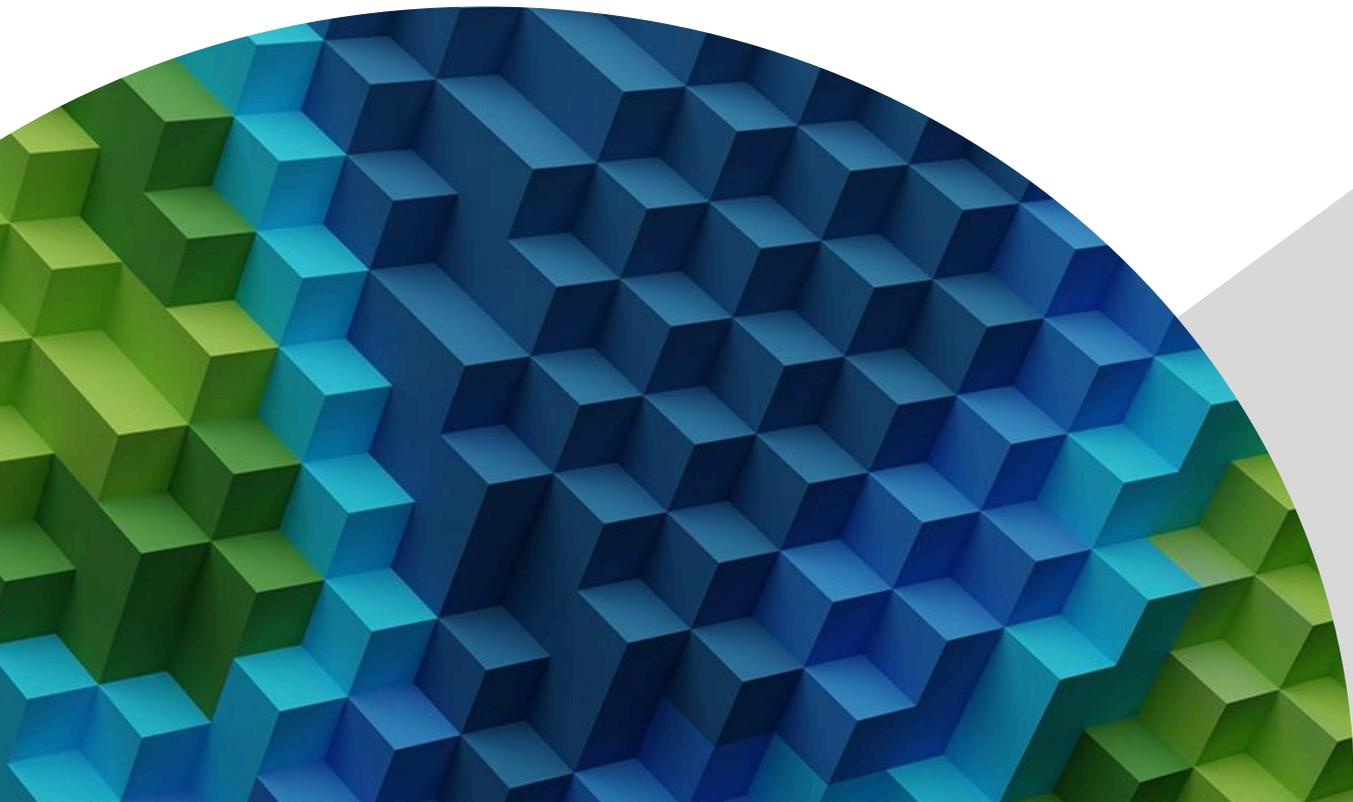
COMPLETE EQUIPMENT ANALYSIS

We perform comprehensive vessel analysis to assess overall strength, ensuring long-lasting, reliable performance.



VIBRATION ANALYSIS

We conduct vibration analysis to minimise resonance and maintain stability, ensuring safe, efficient operation.



SERVICE#05

HEAT EXCHANGER DESIGN



SHELL AND TUBE HEAT EXCHANGERS

Designed for efficient heat transfer in a compact, reliable configuration suitable for various industrial applications.

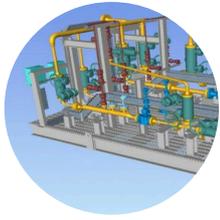


ALL TYPES OF SHELL HEAT EXCHANGERS

Insightful solutions customized for specific thermal and operational requirements, ensuring top-notch efficiency and durability.



SKID MOUNTED PACKAGES



3D MODEL DESIGN

We utilise S3D and SP3D to create accurate, detailed 3D models for efficient project planning and execution.



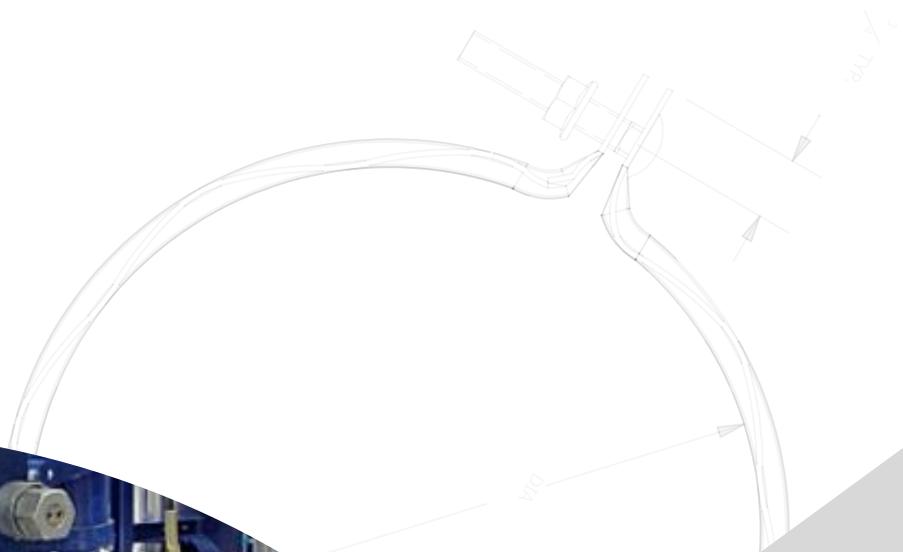
STRUCTURAL DESIGN

We deliver safe, optimised structural designs tailored to project requirements, ensuring strength and reliability.



FOUNDATION LAYOUT

We design precise foundation layouts, ensuring stability, durability, and reliability for all applications.



FOCUSED INDUSTRIES



OIL AND GAS INDUSTRY

Designing innovative storage tanks, heat exchangers, and pressure vessels to optimize oil and gas operations, ensuring reliable performance, enhanced efficiency, and compliance with industry-specific safety and quality standards.



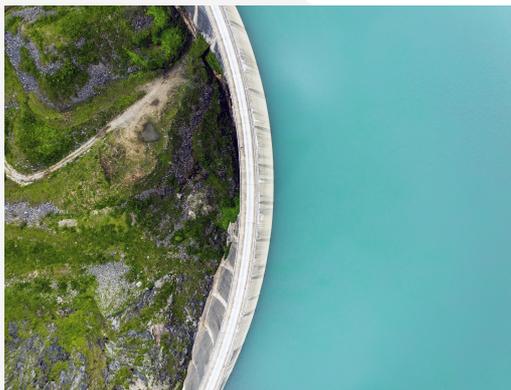
PETROCHEMICAL INDUSTRY

Delivering advanced designs for storage tanks and pressure vessels tailored to petrochemical processes, ensuring maximum efficiency, safety, and reliability under rigorous operational and environmental conditions.



ENERGY INDUSTRY

Providing precision-engineered storage tanks, heat exchangers, and pressure vessels for resilient energy infrastructure, supporting sustainable operations and meeting diverse demands with cutting-edge design solutions.



WATER TREATMENT INDUSTRY

Creating reliable storage tanks and pressure vessels for water treatment and waste management, offering innovative engineering solutions that ensure sustainability, operational efficiency, and environmental compliance.

SOME OF OUR PROJECTS

Explore a diverse portfolio showcasing our expertise in designing high-performance storage tanks, heat exchangers, and pressure vessels, tailored for oil, gas, petrochemical, energy, and water treatment industries, emphasizing safety, innovation, and global standards compliance.



ABU DHABI (2010 ~ 2014) - TANK FARM PROJECT

The project includes tanks of varying sizes such as 120 m x 18.8 m, 95 m x 20.6 m, and 65 m x 20.3 m, featuring roof types like Double Deck Floating Roofs and Rafter Supported Cone Roofs, constructed for efficient storage solutions.

ONSHORE PROJECT (2010 ~ 2024) - ABU DHABI

This onshore project in Abu Dhabi involves the installation of skid-mounted packages including Nitrogen Generation, Chemical Injection, Biocide, and Nitrogen Cylinder Packages, designed for efficient operation and optimal performance in industrial applications.



REFINERY PROJECTS (2014 ~ 2018) - KUWAIT, ABU DHABI, OMAN, QATAR

The refinery projects span across Kuwait, Abu Dhabi, Oman, and Qatar, featuring tank sizes such as 41.2 m x 10 m, 39.5 m x 25.5 m, and 66 m x 20 m, with roof types including Truss Supported Cone Roofs and Aluminium Dome Roofs with IFR.



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