

Company Profile

“
Engineering
Sustainable
Solutions for a
Brighter Tomorrow”

Innovative energy solutions, sustainable practices,
and engineering excellence—empowering a
greener future.

भारत सरकार Government of India सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय Ministry of Micro, Small and Medium Enterprises		MSME सूक्ष्म, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES																					
UDYAM REGISTRATION CERTIFICATE																							
UDYAM REGISTRATION NUMBER	UDYAM-TN-02-0354557																						
NAME OF ENTERPRISE	GLOBALENERGY ENGINEERING SERVICES																						
TYPE OF ENTERPRISE *	<table border="1"> <thead> <tr> <th>SNo.</th> <th>Classification Year</th> <th>Enterprise Type</th> <th>Classification Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2024-25</td> <td>Micro</td> <td>28/12/2024</td> </tr> </tbody> </table>			SNo.	Classification Year	Enterprise Type	Classification Date	1	2024-25	Micro	28/12/2024												
SNo.	Classification Year	Enterprise Type	Classification Date																				
1	2024-25	Micro	28/12/2024																				
MAJOR ACTIVITY	SERVICES																						
SOCIAL CATEGORY OF ENTREPRENEUR	OBC																						
NAME OF UNIT(S)	<table border="1"> <thead> <tr> <th>S.No.</th> <th>Name of Unit(s)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GLOBALENERGY ENGINEERING SERVICES</td> </tr> </tbody> </table>			S.No.	Name of Unit(s)	1	GLOBALENERGY ENGINEERING SERVICES																
S.No.	Name of Unit(s)																						
1	GLOBALENERGY ENGINEERING SERVICES																						
OFFICIAL ADDRESS OF ENTERPRISE	<table border="1"> <thead> <tr> <th>Flat/Door/Block No.</th> <th>NO -02</th> <th>Name of Premises/ Building</th> <th>SKCOMPLEX</th> </tr> </thead> <tbody> <tr> <td>Village/Town</td> <td>SELAIYUR</td> <td>Block</td> <td>SELAIYUR</td> </tr> <tr> <td>Road/Street/Lane</td> <td>SHANTHI AVENUE CHITLAPAKKAM</td> <td>City</td> <td>CHENNAI</td> </tr> <tr> <td>State</td> <td>TAMIL NADU</td> <td>District</td> <td>CHENNAI , Pin 600064</td> </tr> <tr> <td>Mobile</td> <td>9600175864</td> <td>Email:</td> <td>deva984@gmail.com</td> </tr> </tbody> </table>			Flat/Door/Block No.	NO -02	Name of Premises/ Building	SKCOMPLEX	Village/Town	SELAIYUR	Block	SELAIYUR	Road/Street/Lane	SHANTHI AVENUE CHITLAPAKKAM	City	CHENNAI	State	TAMIL NADU	District	CHENNAI , Pin 600064	Mobile	9600175864	Email:	deva984@gmail.com
Flat/Door/Block No.	NO -02	Name of Premises/ Building	SKCOMPLEX																				
Village/Town	SELAIYUR	Block	SELAIYUR																				
Road/Street/Lane	SHANTHI AVENUE CHITLAPAKKAM	City	CHENNAI																				
State	TAMIL NADU	District	CHENNAI , Pin 600064																				
Mobile	9600175864	Email:	deva984@gmail.com																				
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	18/11/2024																						
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	18/11/2024																						
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	<table border="1"> <thead> <tr> <th>SNo.</th> <th>NIC 2 Digit</th> <th>NIC 4 Digit</th> <th>NIC 5 Digit</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>62 - Computer programming, consultancy and related activities</td> <td>6209 - Other information technology and computer service activities</td> <td>62091 - Software installation</td> <td>Services</td> </tr> <tr> <td>2</td> <td>63 - Information service activities</td> <td>6399 - Other information service activities n.e.c.</td> <td>63999 - Other information service activities n.e.c.</td> <td>Services</td> </tr> <tr> <td>3</td> <td>78 - Employment activities</td> <td>7830 - Human resources provision and management of human resources functions</td> <td>78300 - Human resources provision and management of human resources functions</td> <td>Services</td> </tr> </tbody> </table>			SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity	1	62 - Computer programming, consultancy and related activities	6209 - Other information technology and computer service activities	62091 - Software installation	Services	2	63 - Information service activities	6399 - Other information service activities n.e.c.	63999 - Other information service activities n.e.c.	Services	3	78 - Employment activities	7830 - Human resources provision and management of human resources functions	78300 - Human resources provision and management of human resources functions	Services
SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity																			
1	62 - Computer programming, consultancy and related activities	6209 - Other information technology and computer service activities	62091 - Software installation	Services																			
2	63 - Information service activities	6399 - Other information service activities n.e.c.	63999 - Other information service activities n.e.c.	Services																			
3	78 - Employment activities	7830 - Human resources provision and management of human resources functions	78300 - Human resources provision and management of human resources functions	Services																			
DATE OF UDYAM REGISTRATION	28/12/2024																						
* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.																							
Disclaimer: This is computer generated statement, no signature required. Printed from https://udyamregistration.gov.in & Date of printing:- 28/12/2024																							
For any assistance, you may contact:																							
1. District Industries Centre:	CHENNAI (TAMIL NADU)																						
2. MSME-DFO:	CHENNAI (TAMIL NADU)																						
Visit : www.msme.gov.in ; www.dcmsme.gov.in ; www.champions.gov.in																							
 <div style="border: 2px solid orange; border-radius: 50%; padding: 10px; display: inline-block;"> <p style="text-align: center; margin: 0;">BE A CHAMPION with the Ministry of MSME</p> </div>																							



Engineering
Sustainable
Solutions for a
Brighter Tomorrow”

About us

At Global Energy Engineering Services, we have been supporting the Oil & Gas sector in the Middle East and Europe since **2014**, delivering practical and dependable engineering solutions. Our skilled team specializes in design and detail engineering, backed by strong technical expertise and hands-on industry experience.

We combine technology, precision, and a commitment to quality to ensure every project is executed efficiently and with integrity. Our focus is simple—add value, deliver results, and build long-term relationships through consistent performance.

Our Vision & Mission

Our Vision

To become a globally recognized leader in design and detail engineering, delivering innovative solutions that support a safer, greener, and more sustainable energy future.



Our Mission

To support our clients with high-quality engineering services that enhance performance, improve safety, and ensure long-term sustainability across all project stages.

Who We Are



Global Energy Engineering Services has established a strong reputation for delivering reliable, innovative, and sustainable engineering solutions to the global energy sector. Serving clients across the Middle East and international markets, the company is recognized for its technical excellence, integrity, and commitment to quality. Our approach emphasizes close collaboration with clients to deliver high-quality, cost-effective engineering solutions on time and within budget.

This dedication has resulted in long-standing client relationships, with many clients consistently returning to Global Energy Engineering Services for their projects. At the core of our approach lies deep technical expertise, engineering ingenuity, and continuous innovation, guiding our work across complex energy and industrial developments.

Our project methodology follows the same principle—working closely with clients and project teams to develop practical, high-quality engineering solutions that meet project requirements while adhering to schedule and budget constraints. This philosophy, embedded in our corporate values, enables us to consistently deliver sustainable and efficient solutions, as reflected in our growing project portfolio.

At **Global Energy Engineering Services**, we are more than an engineering and design consultancy. We are partners in progress, committed to delivering value, driving engineering excellence, and contributing to the future of the global energy industry.

Global Partnerships



- We are proud to be a strategic partner of **INEnergy Consulting**, collaborating on gas projects across the Middle East and Europe.
- Leveraging combined expertise in engineering, design, and project execution
- Delivering innovative and efficient solutions for the energy sector
- Strengthening our global presence and project capabilities
- [INEnergy Consulting FZCO – Dubai, UAE](#)

ENGINEERING SERVICES

Design & Engineering Consultancy

- Global Energy Engineering Consultants, an ISO 9001:2015 and MSME-certified firm, delivers high-quality design, engineering, and project management services across the oil & gas, refinery, petrochemical, chemical, offshore, power, utilities, and industrial sectors.
- We specialize in mechanical, piping, pipeline, and civil/structural engineering, applying international standards and industry best practices to ensure accuracy, safety, and full compliance.
- We are experts in Chemical Injection Skid Packages, offering end-to-end design, 3D modeling, analysis, and detailed engineering.
- Our strong knowledge of global and regional standards—Shell, ADNOC, Qatar Energy, Aramco, PDO, KOC—enables us to deliver solutions that meet the exact technical and compliance requirements of each client.
- Backed by an experienced engineering team, we ensure every project is executed with integrity, technical excellence, and a commitment to quality and reliability.





Skid packages

Our services include the design and detailing of skid packages tailored to meet specific process, space, transportation, and lifting requirements. We specialize in creating efficient, space-optimized designs that ensure seamless integration into your operations. Our solutions are engineered to prioritize ease of transportation, safe handling during lifting and installation, and compliance with industry standards. Whether for modular process units, equipment enclosures, or utility systems, our detailed engineering ensures reliability, functionality, and cost efficiency.

Skid packages



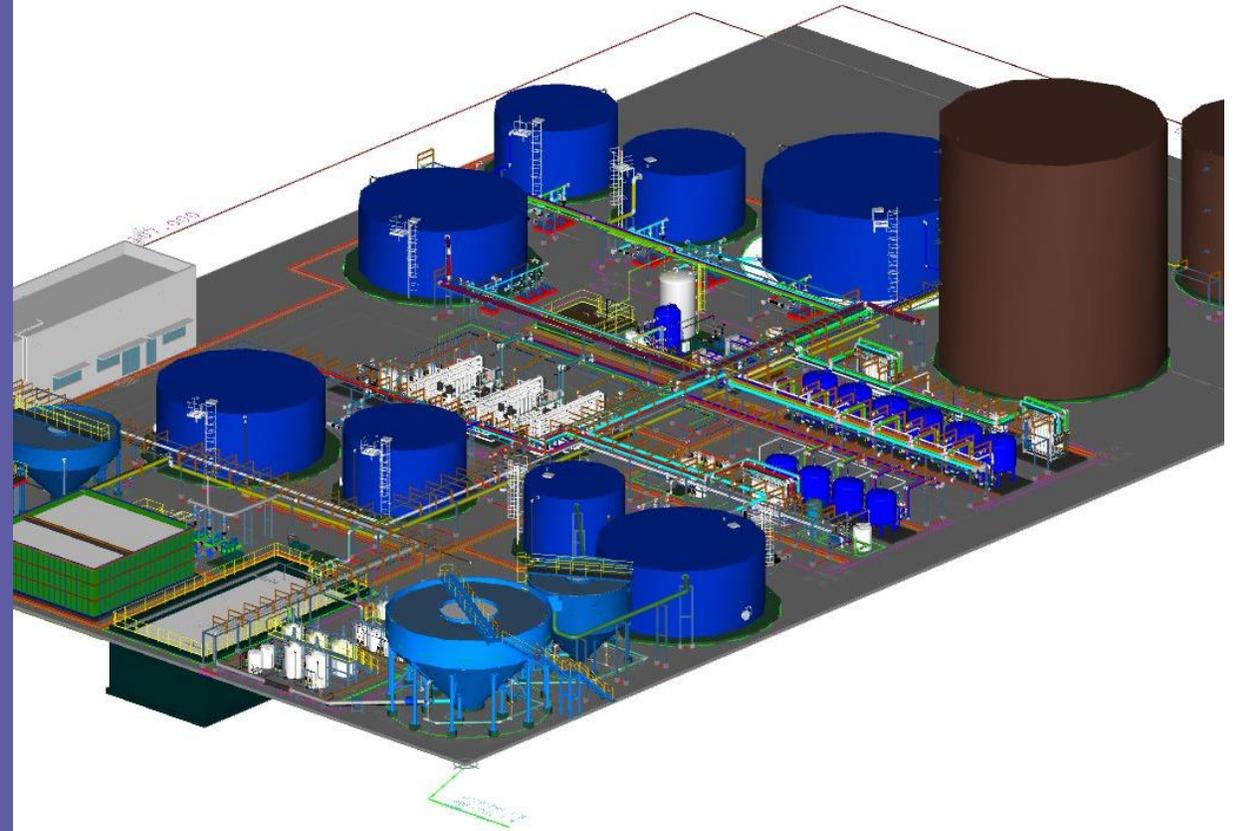
- **Engineering & Design Expertise**
- CI Skid Packages (Chemical Injection Skids, Launcher/Receiver Packages, Pump Skids, Metering Skids)
- 3D Modelling, Detail Engineering, GA Drawings, Structural & Tank Fabrication Drawings, and Piping Isometric Drawings
- Structural Engineering, Piping Stress Analysis, Tank & Pressure Vessel Engineering
- **Software Proficiency**
- **CADWorx / AutoCAD Plant 3D** – 3D Modelling
- **AutoCAD** – 2D Drafting and Detailing
- **Tekla & Advance Steel:** Structural Modeling & Detailing
- **PV Elite** – Pressure Vessel & Tank Design Calculations
- **STAAD Pro** – Structural Design & Analysis
- **CAESAR II** – Piping Stress Analysis

Engineering Solutions for Water & Wastewater Treatment

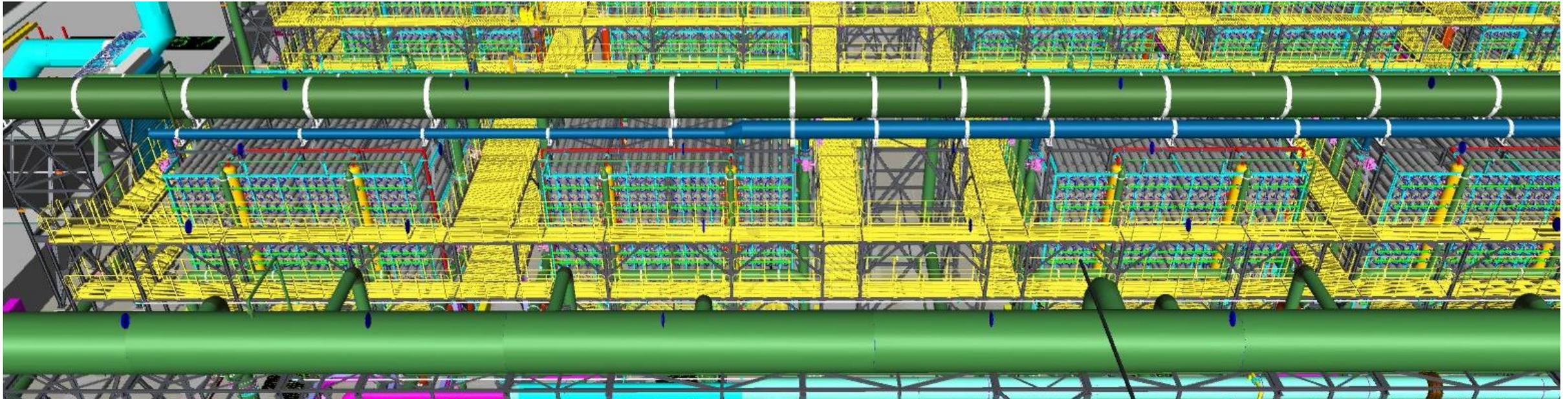
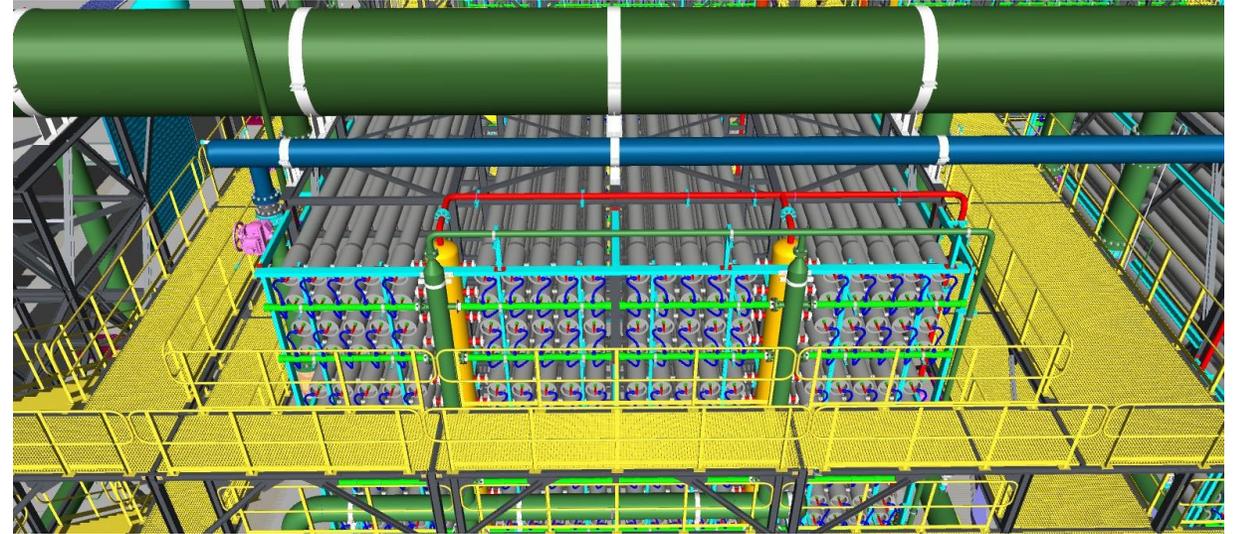
We deliver sustainable, efficient, and reliable engineering solutions for desalination plants, water treatment systems, nanofiltration (NF), ultrafiltration (UF), reverse osmosis (RO) plants, and wastewater treatment facilities worldwide. Our multidisciplinary expertise ensures optimized performance from concept to commissioning.

Our Expertise

- Process design and technology selection (RO, NF, UF, MSF, MED)
- Piping and equipment layout, 3D modeling, GA, Process Flow Diagrams (PFD), Hydraulic Flow Diagrams (HFD), and Piping & Instrumentation Diagrams (P&ID)
- Process, mechanical, civil, structural, and electrical engineering
- Stress and STAAD analysis, instrumentation, and energy management
- Environmental compliance and energy-efficient, sustainable designs
- Detailed engineering, documentation, and project coordination support

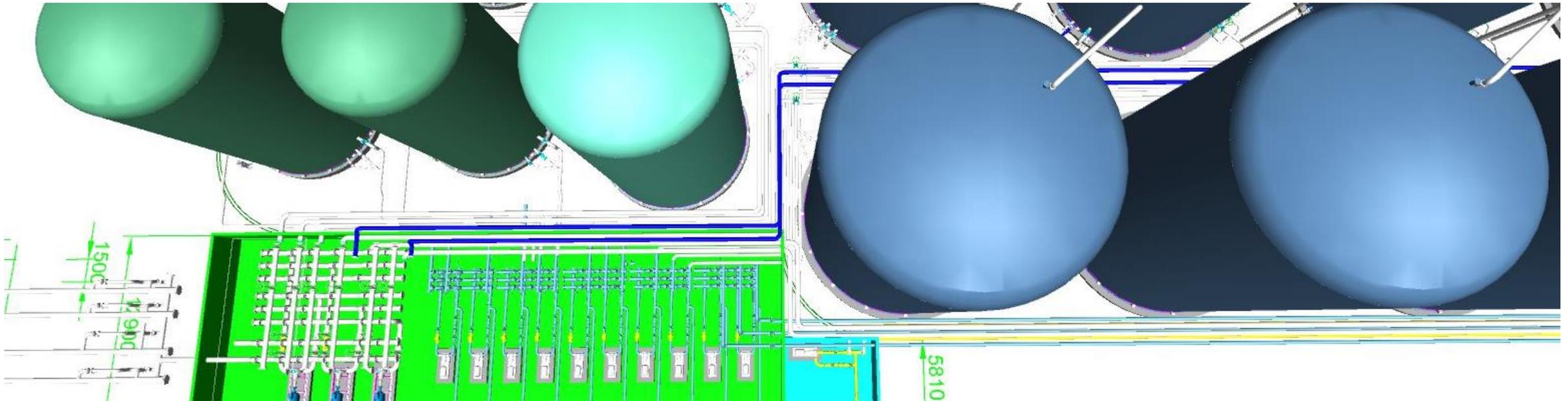


Engineering Solutions for Water & Wastewater Treatment



Tank Farm Solutions

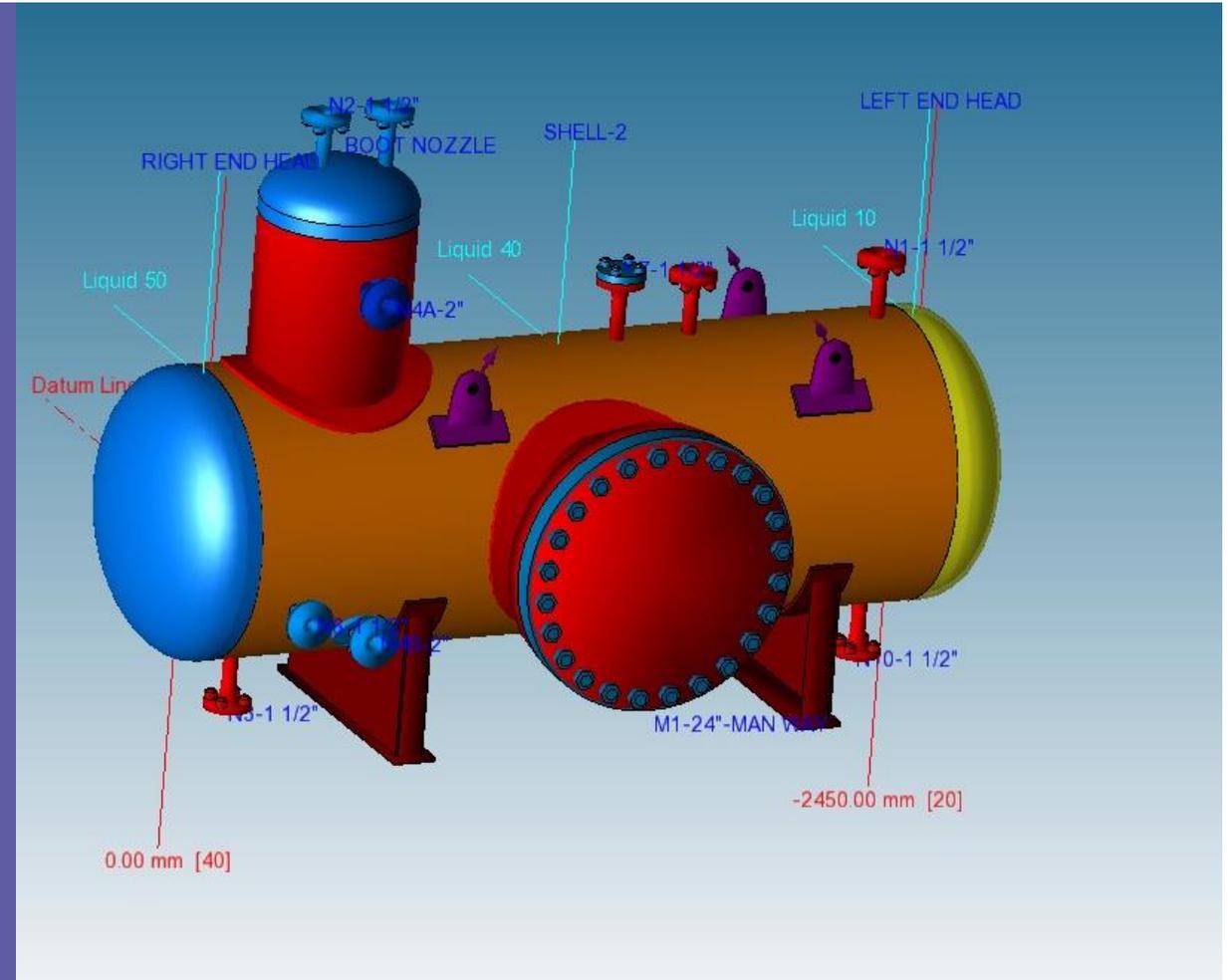
We provide design and detailed engineering services for tank farm projects. Our expertise spans storage tanks, transfer systems, and safety features, ensuring seamless storage and handling of liquids and gases. With a focus on compliance and operational efficiency, we help clients optimize storage capacity and streamline logistics.



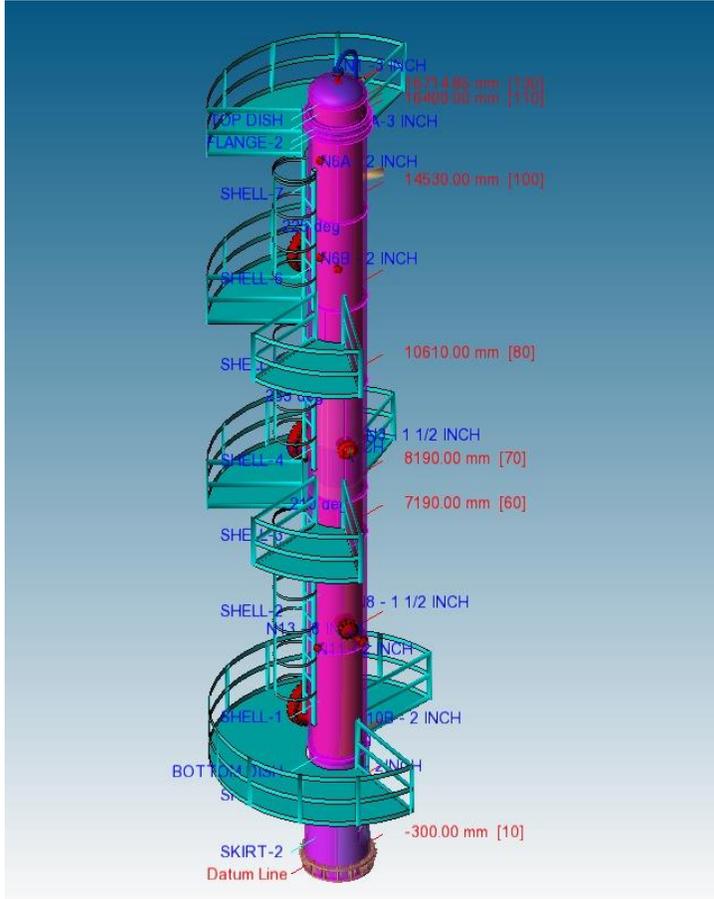
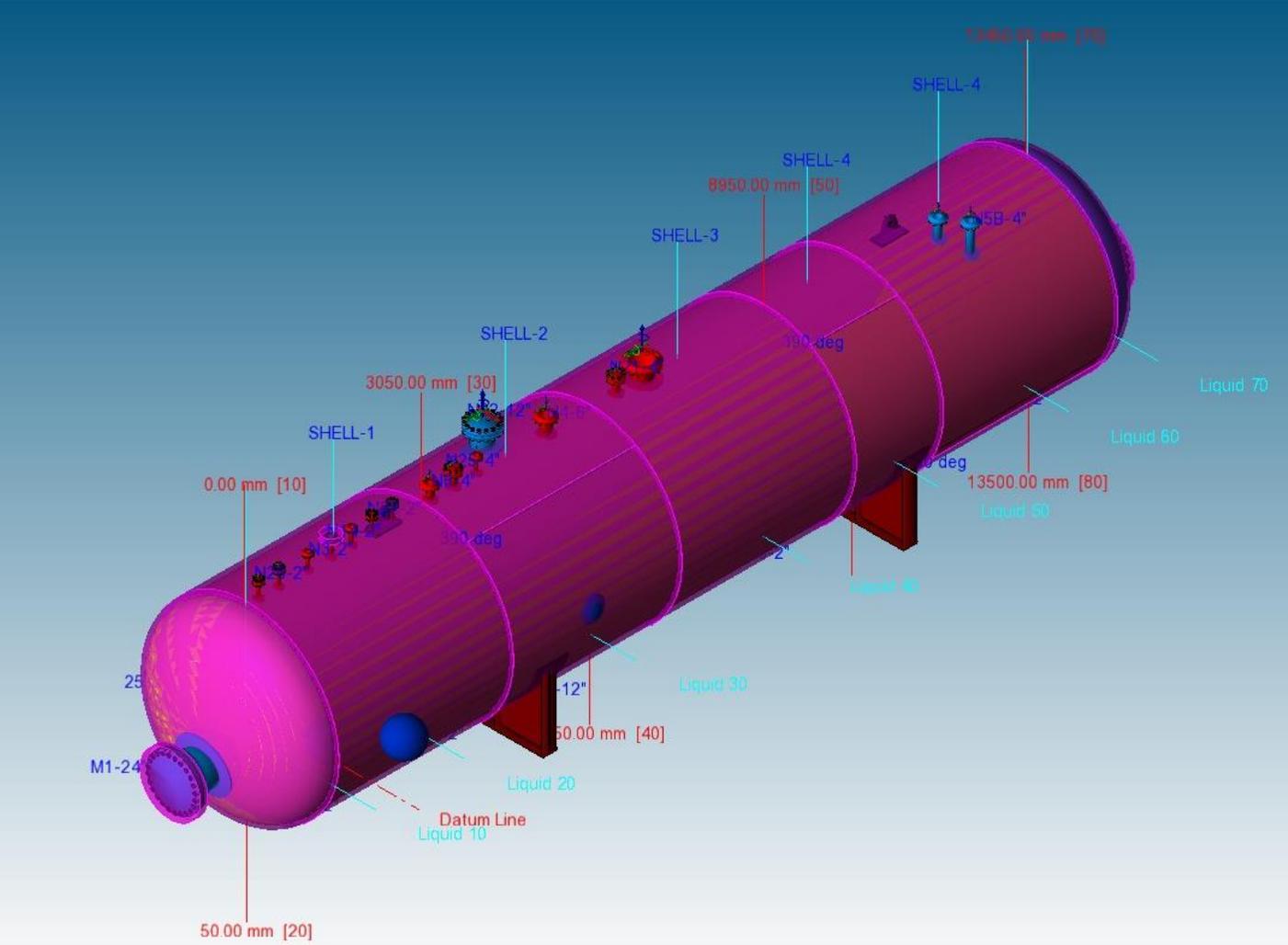
Pressure Vessel & Column (ASME U-Stamp)

We specialize in the mechanical design, analysis, and certification of Pressure Vessels and Columns, including ASME U-Stamp–certified equipment. Our expertise ensures every design meets the highest standards of safety, quality, and code compliance from concept to fabrication.

- **Our Services Include:**
- Mechanical design and verification as per ASME Section VIII Div. 1 & 2
- Design and documentation for ASME U-Stamp certification
- Nozzle load evaluation and integration with piping stress reports
- Lifting, transportation, and saddle/support design analysis
- Wind and seismic load calculations
- Thickness optimization, weight estimation, and fabrication detailing
- Preparation of design dossiers, calculation reports, and inspection support
- **Software Expertise:**
- PV Elite, Nozzle Pro & Ansys



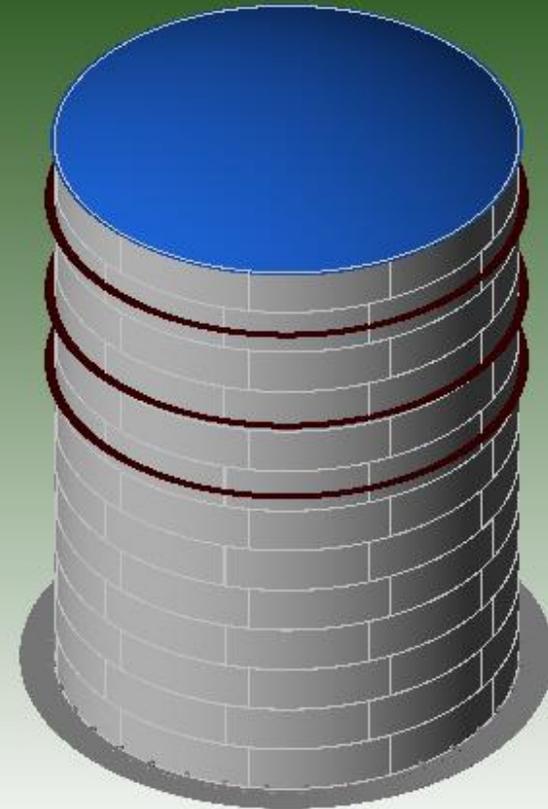
Pressure Vessel & Column (ASME U-Stamp)



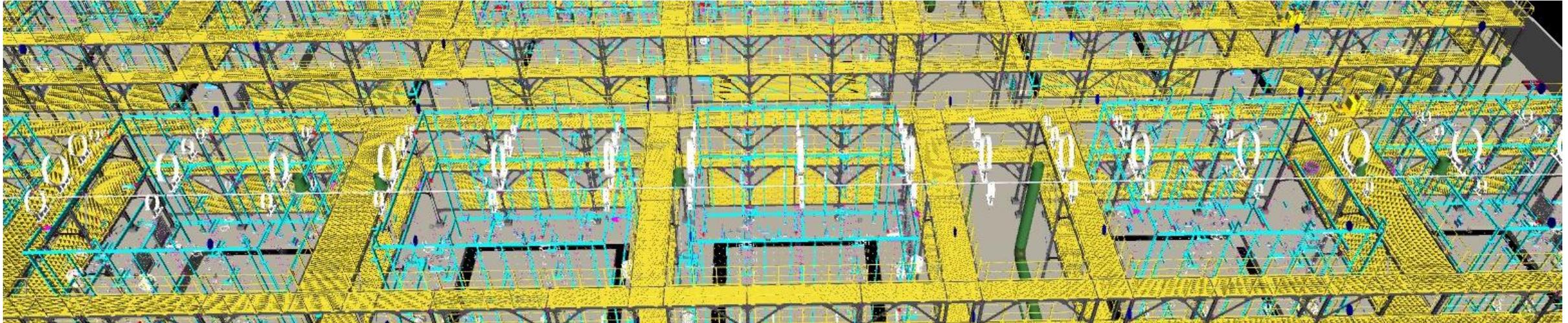
API 650 Storage Tank

Our expertise extends to API 650 storage tanks, providing comprehensive design and fabrication services tailored to meet your specific project requirements. From initial concept to final commissioning, we ensure precision and compliance with industry standards for both above ground and underground storage solutions.

- Mechanical Data Sheet
- API 650 Storage Tank Design calculation
- API 650 Storage Tank GA and Detail drawings
- AMT Tank & TANK[®] (Hexagon) Softwares



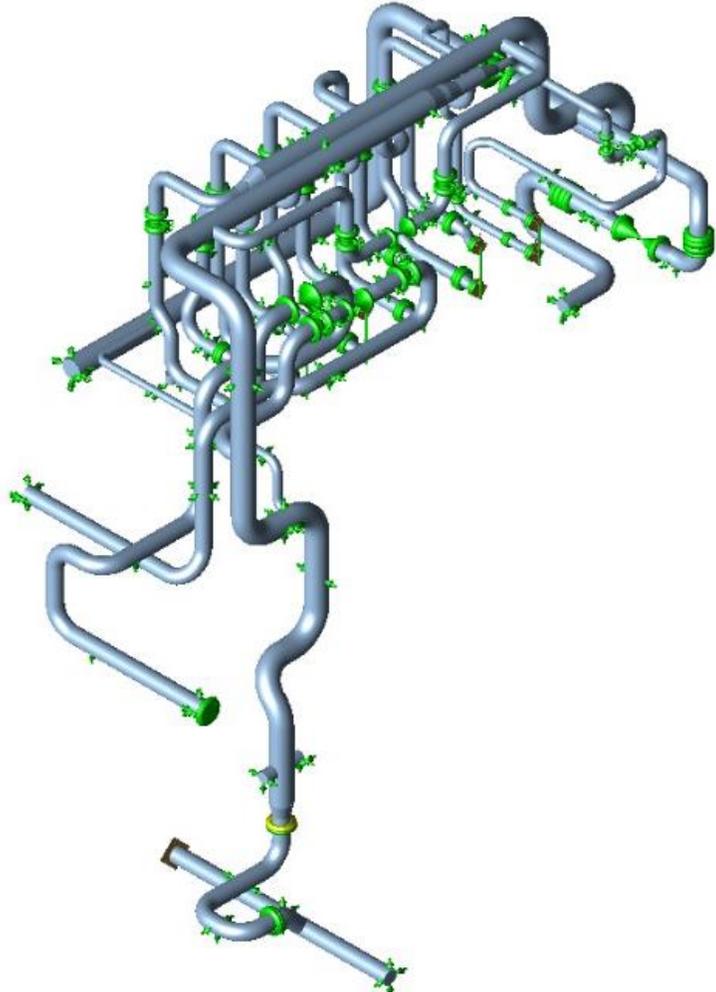
Civil & Structural Design and Detailing



We provide comprehensive civil and structural engineering services, including concept design, detailed engineering, and construction support. Our expertise encompasses industrial facilities, tank foundations, pipe racks, and heavy equipment structures, with a focus on precision, safety, and cost-efficiency.

- Design & Analysis: Skid packages – structural design, in-place analysis, lifting, and transportation considerations Structural
- Components: Pipe racks, platforms, and foundations
- Codes & Standards: API, AISC, ASCE, Eurocodes, BS, ACI, UBC, IBC, Euro Code
- Software Proficiency: STAAD Pro, ETABS, TEKLA

Pipe Stress Analysis

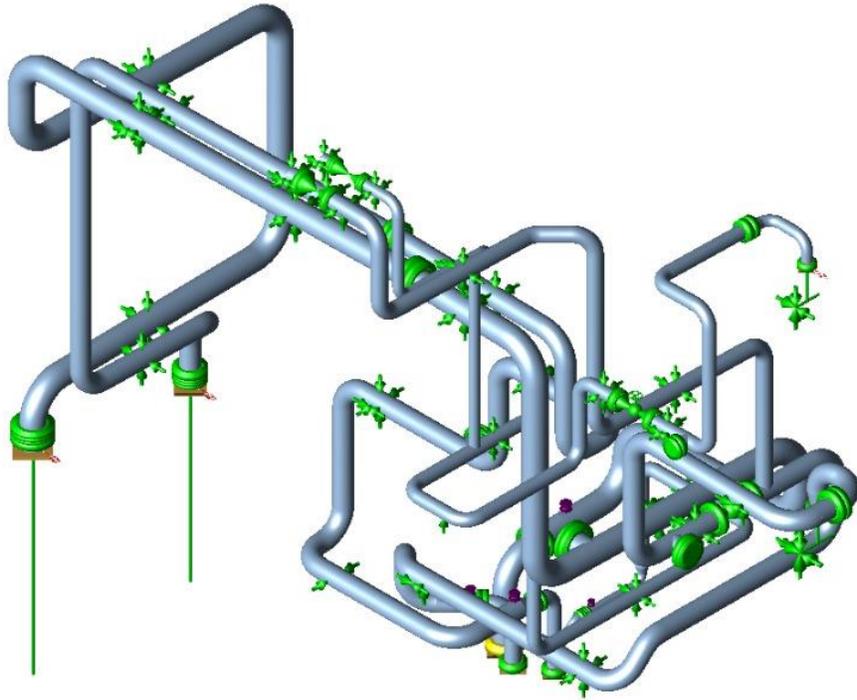


We provide comprehensive **Pipe Stress Analysis** to ensure the safe and reliable performance of piping systems under various operating conditions. Our experienced team uses advanced engineering tools and international design codes to evaluate stresses, movements, and loads on piping networks.

Our Services Include:

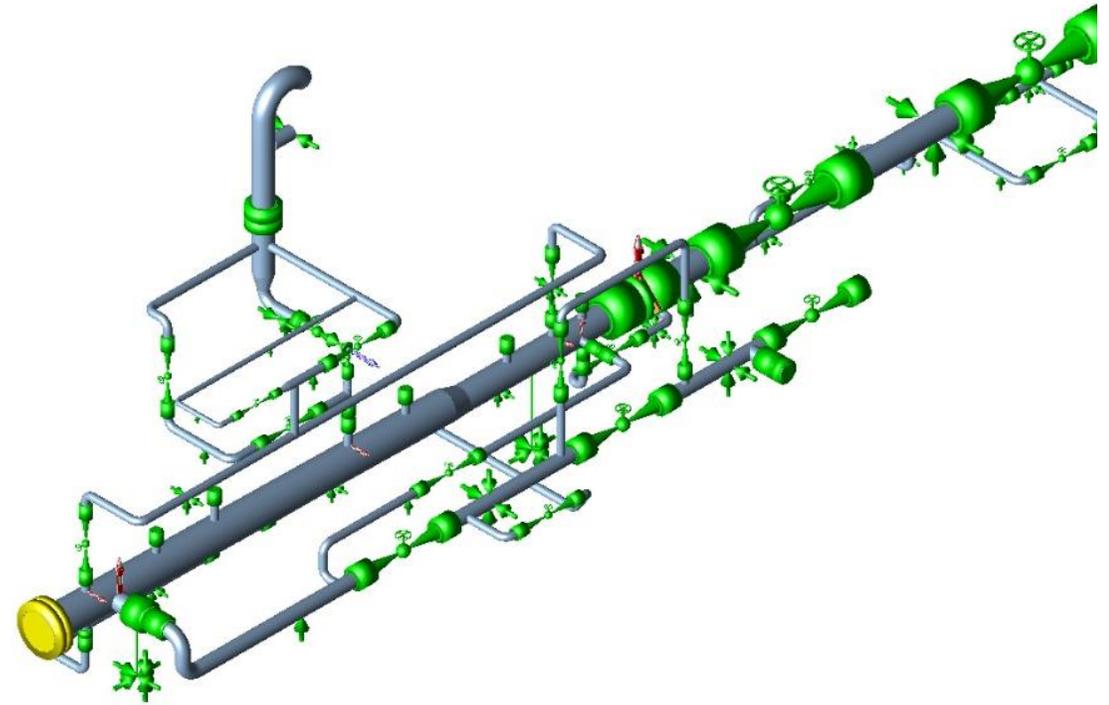
- Stress analysis of critical piping systems (process, utility, and high-pressure lines)
- Flexibility and expansion analysis for thermal and mechanical loads
- Evaluation of nozzle loads on equipment (vessels, pumps, compressors, turbines, etc.)
- Support and spring hanger design and optimization
- Seismic, wind, and vibration analysis
- Design compliance with international codes such as ASME B31.1, B31.3, and API standards
- Stress report preparation, review, and client approval support
- **Software Expertise:**
- CAESAR II & AutoPIPE

Pipe Stress Analysis



Compressor piping

Pig Launcher

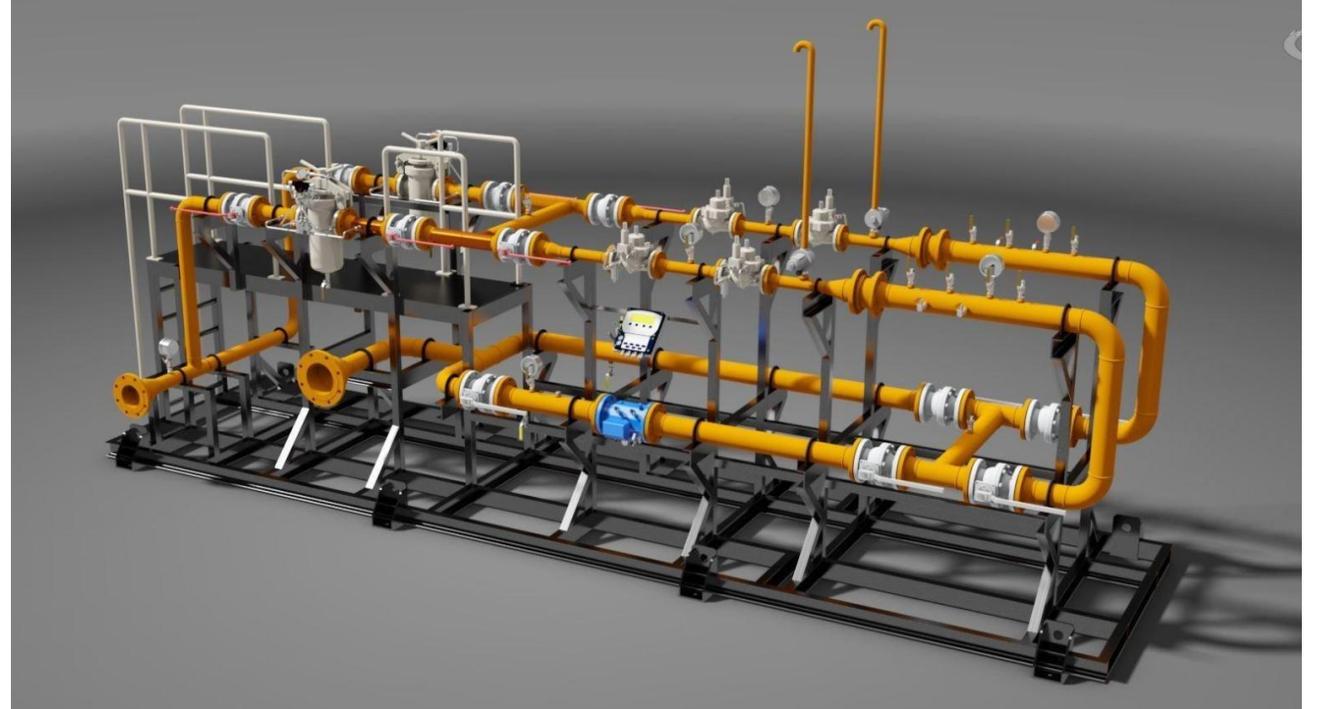


Engineering Expertise for LPG, SNG, and Natural Gas Projects

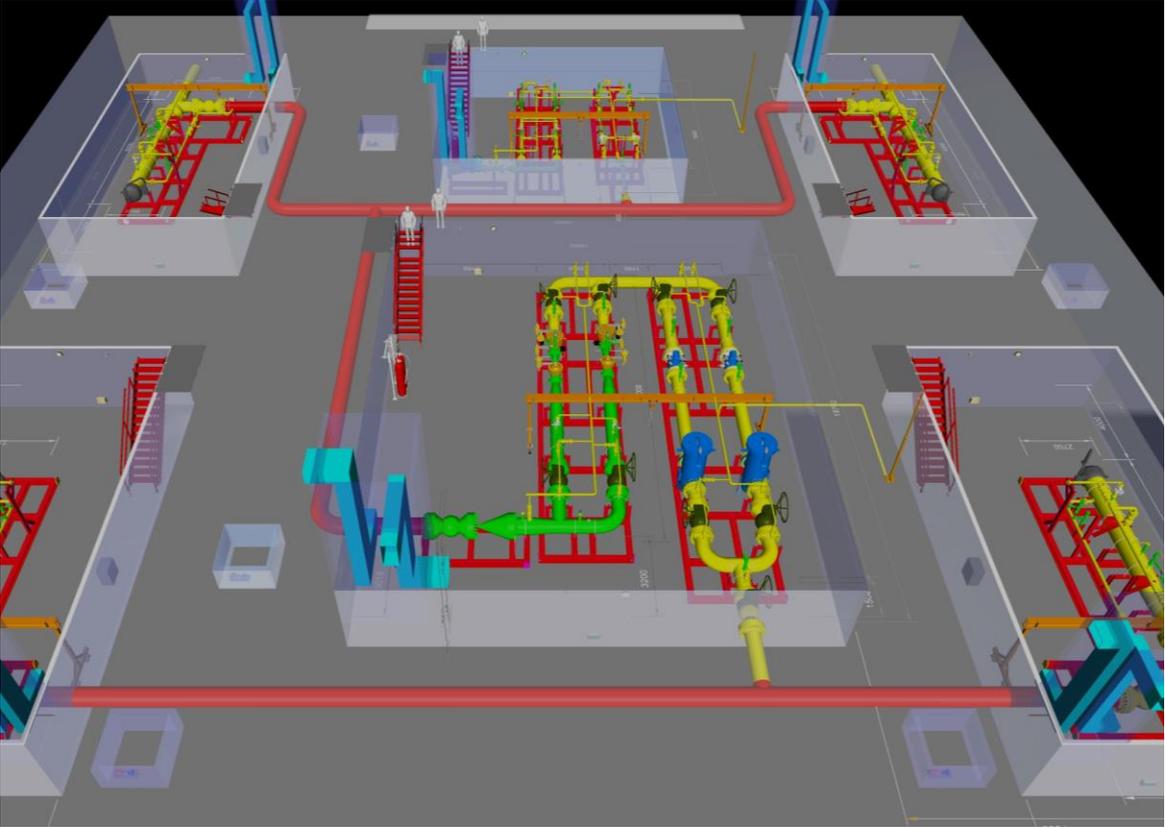
Our expertise in natural gas (NG), liquefied petroleum gas (LPG), and synthetic natural gas (SNG) encompasses the design, engineering, and detailed engineering of gas systems. From city gas distribution networks to industrial applications, we deliver comprehensive solutions that prioritize efficiency, safety, and sustainability.

Our Capabilities Include:

- * Underground Gas Network Pipelines
- * LPG / SNG Tank Farm Engineering
- * Pressure Reduction Stations (PRS)
- * Underground PRS with Pig Launcher Systems
- * Above-Ground Gas Installations for Residential & Commercial Use

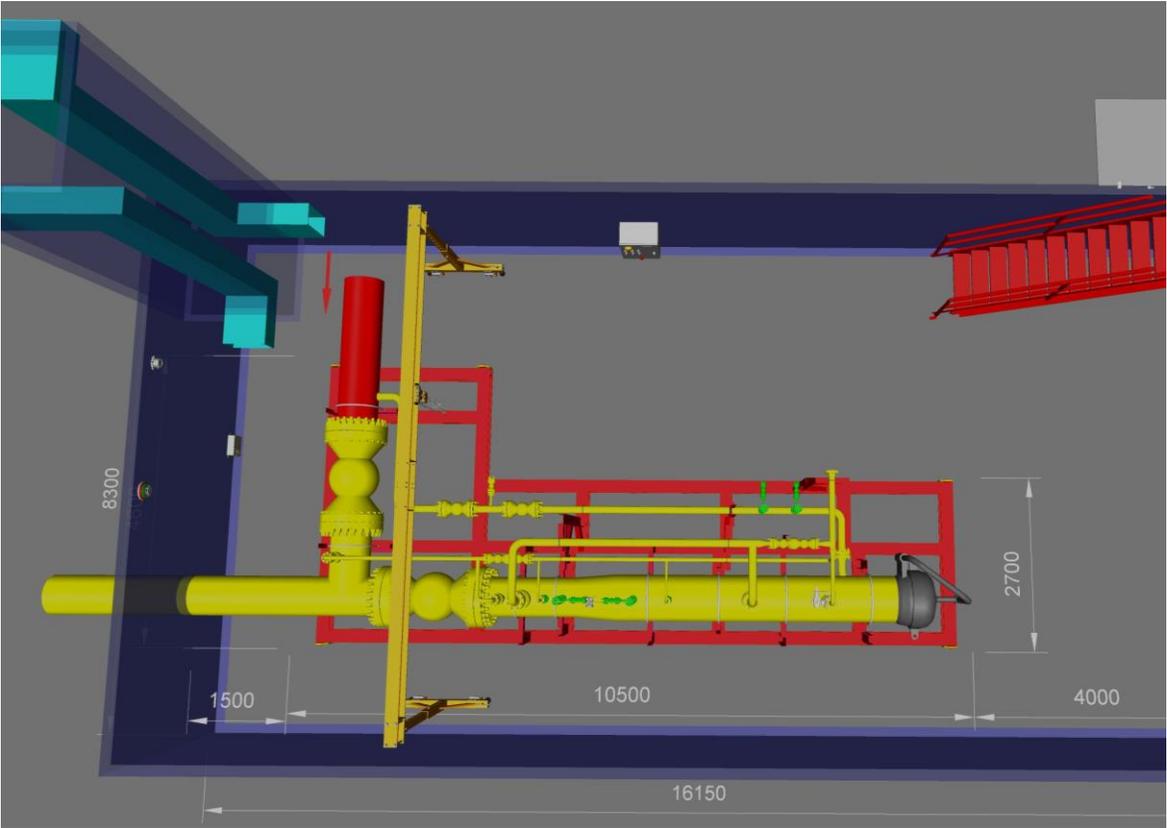


LPG, SNG, and Natural Gas Projects

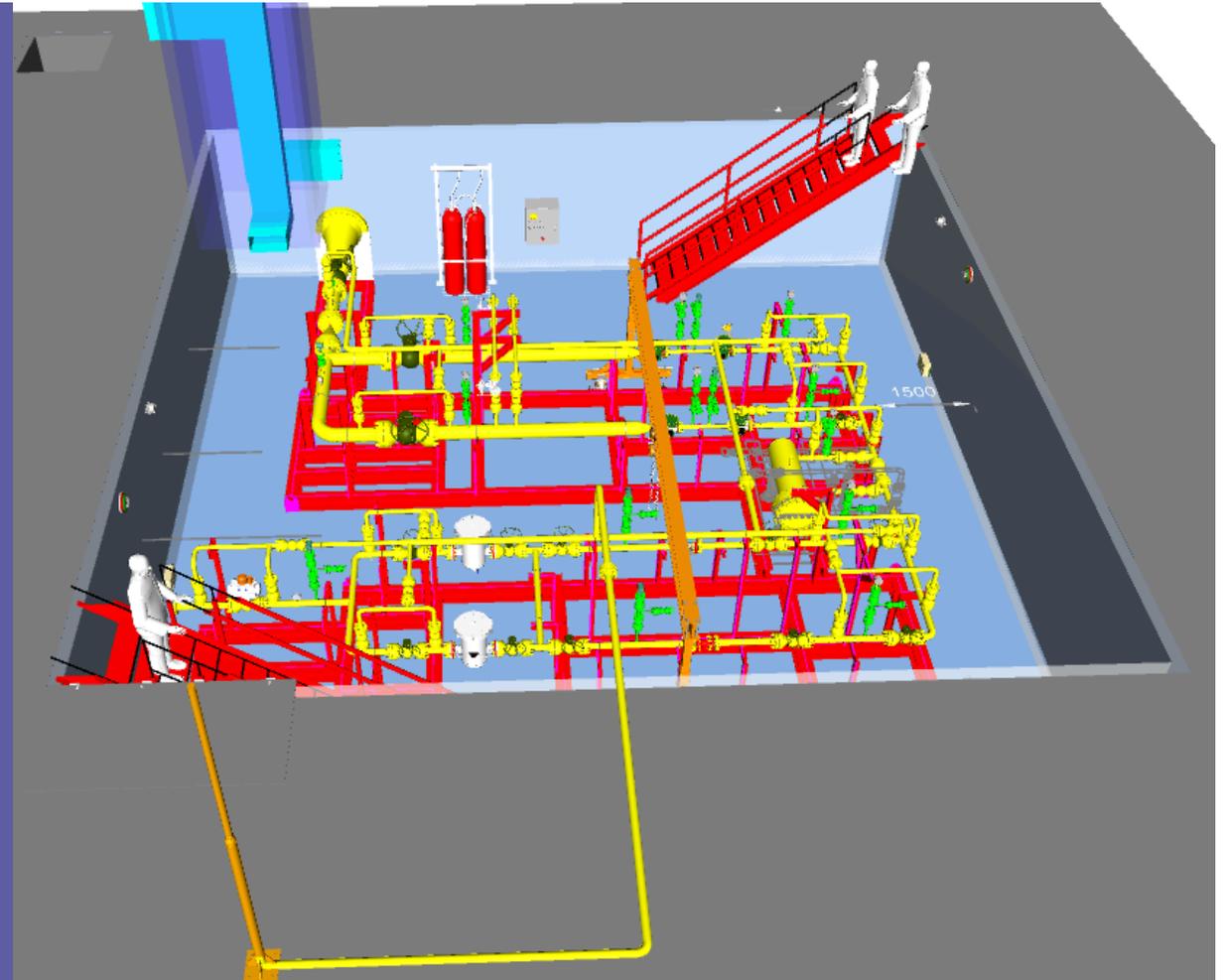
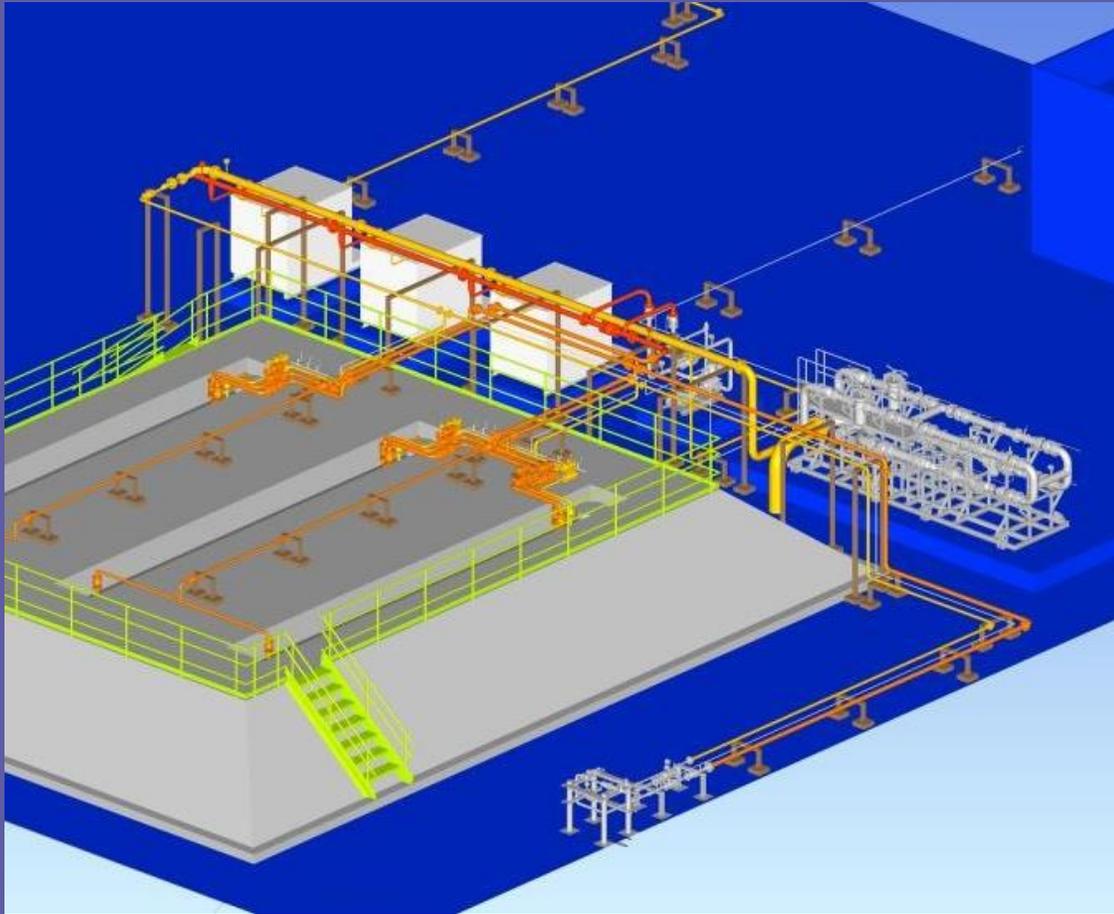


Underground GAS PRS & Metering Skid

Underground Gas Pig Launcher



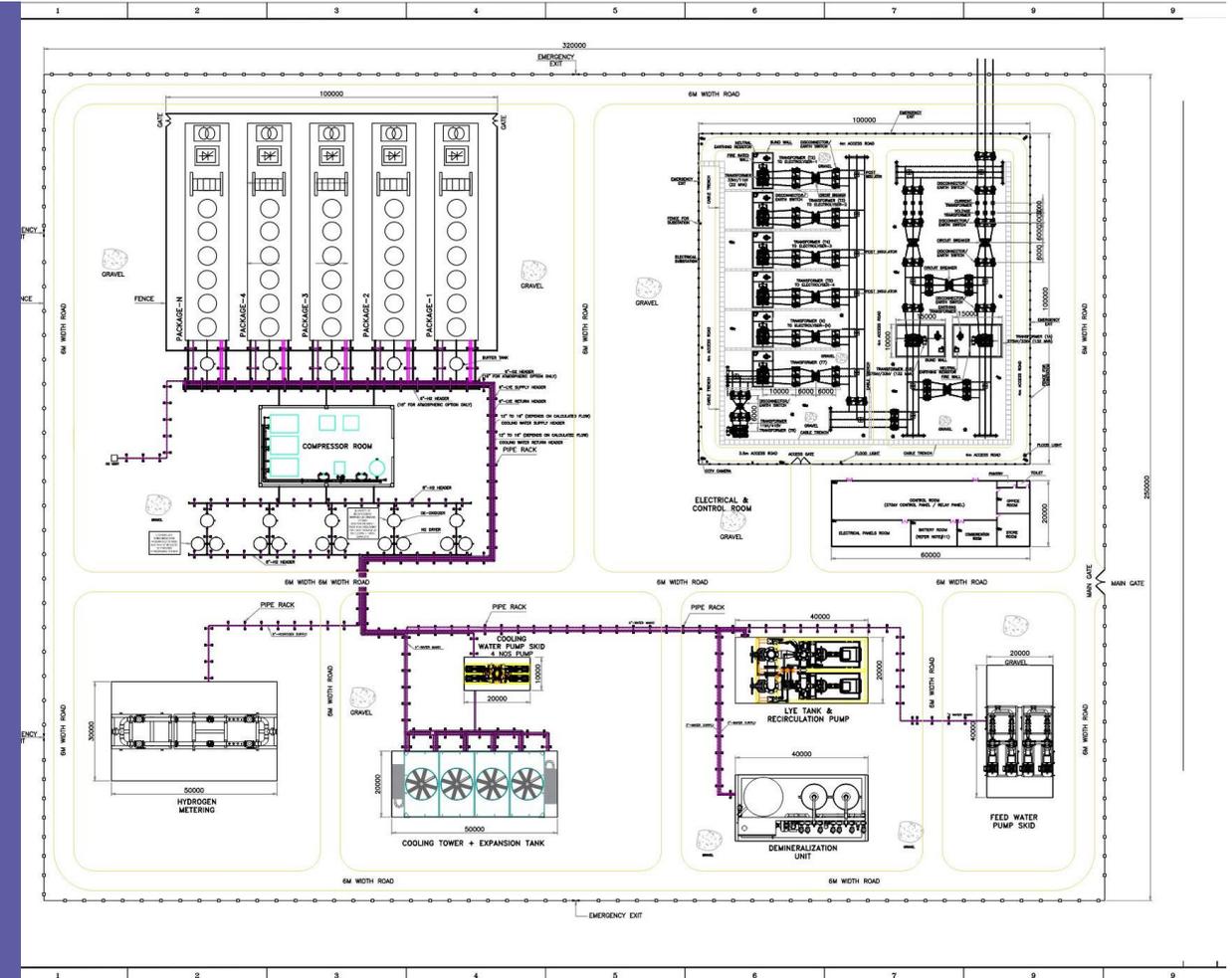
LPG, SNG, and Natural Gas Projects



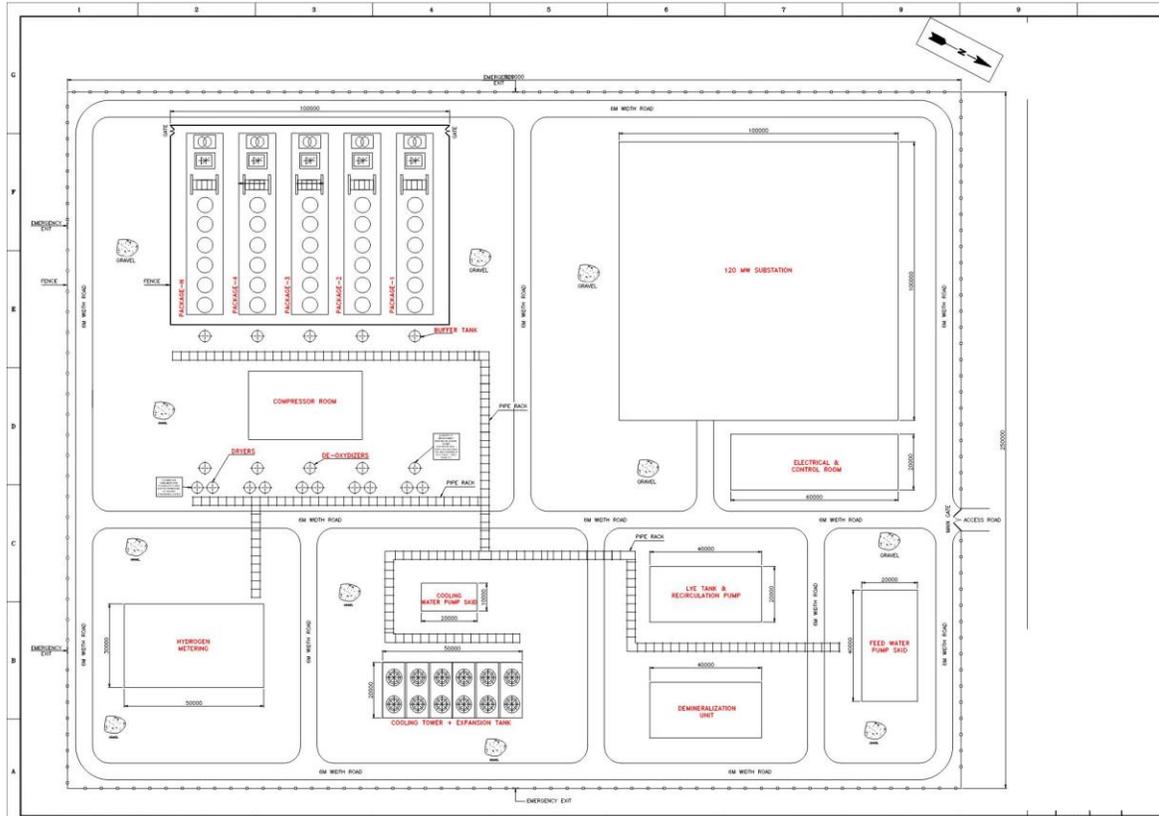
Feed Engineering Projects

Hydrogen is the fuel of the future, and we are at the forefront of its adoption. We provide engineering solutions for hydrogen production, storage, and transportation, supporting industries in their transition to a low-carbon economy. Our services include feasibility studies, system design, and compliance with emerging safety standards.

- PFDs
- P&IDs
- Process and Mechanical Data Sheets
- Preliminary Sizing and Calculations
- Plot Plans and Layouts
- Preparation of Design Basis and Specification
- Process Simulation
- HAZOP/HAZID/HSE and SIL Studies

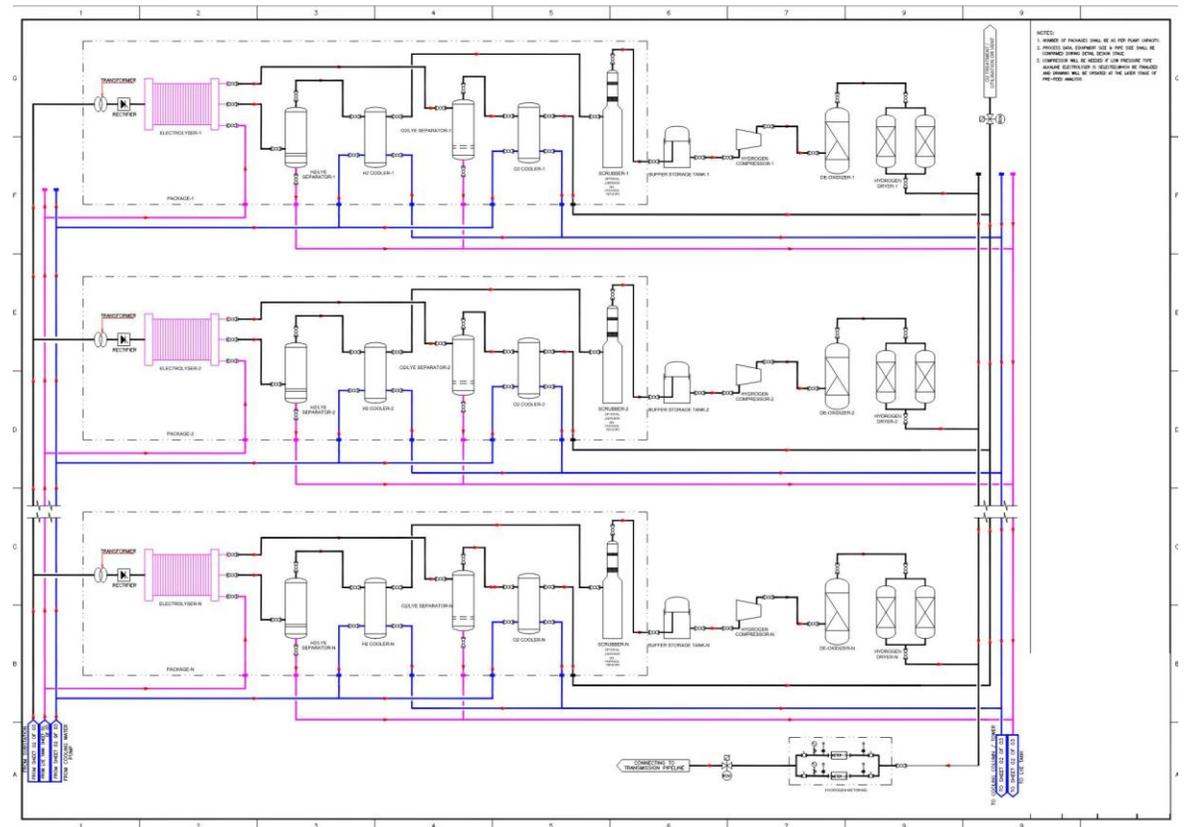


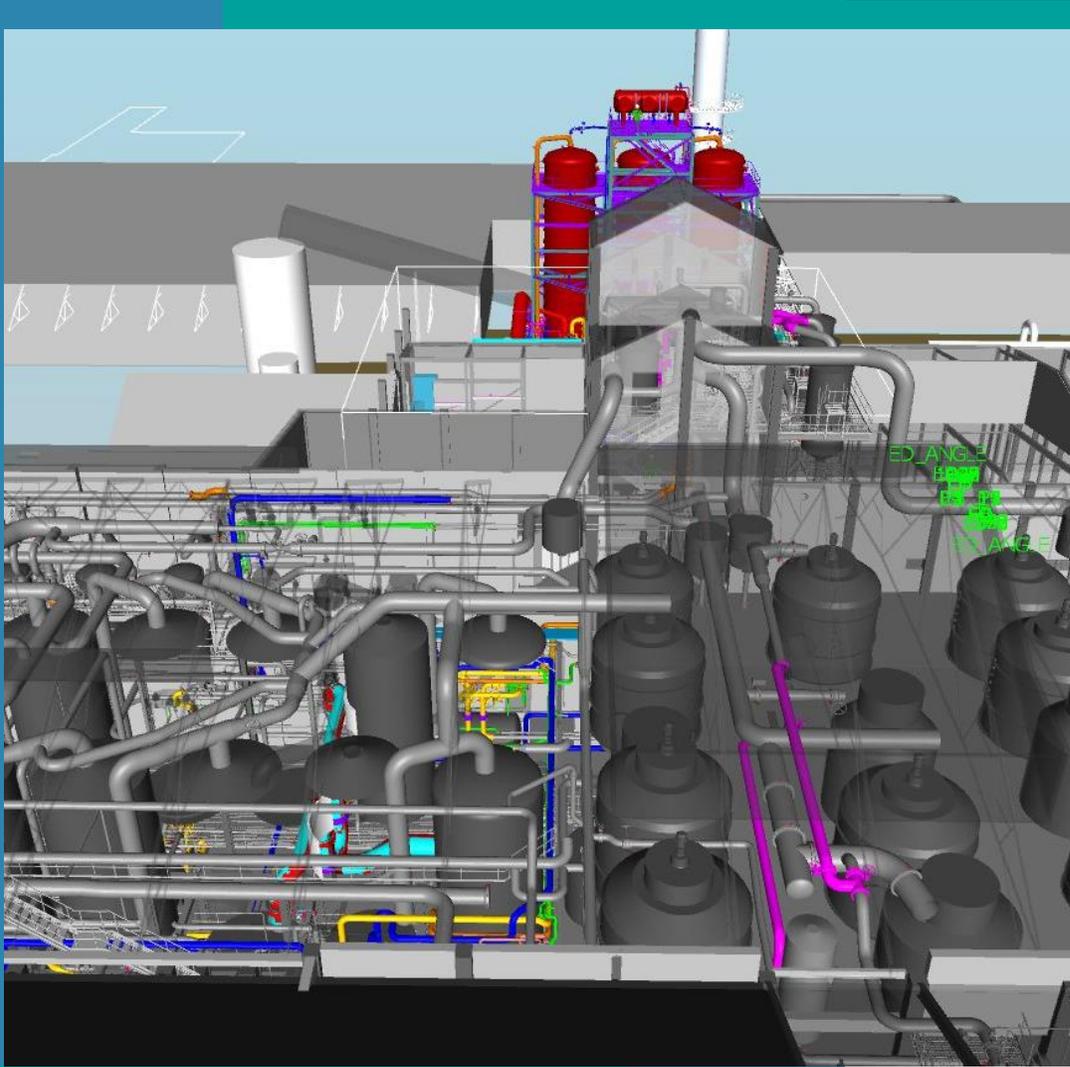
Feed Engineering Projects



H2 Plant FEED Plot Plan

H2 Plant FEED PFD





Piping Projects with Cloud Scan Data

We deliver precise, innovative, and compliant piping engineering solutions based on point-cloud scan data received from site for marine and industrial applications.

- Reverse Engineering & 3D Scan-Based Detailed Engineering
- We utilize high-accuracy point-cloud data for complete engineering documentation and exact replication of existing systems for modification, upgrade, and fabrication.

Piping Projects with Cloud Scan Data

Capabilities:

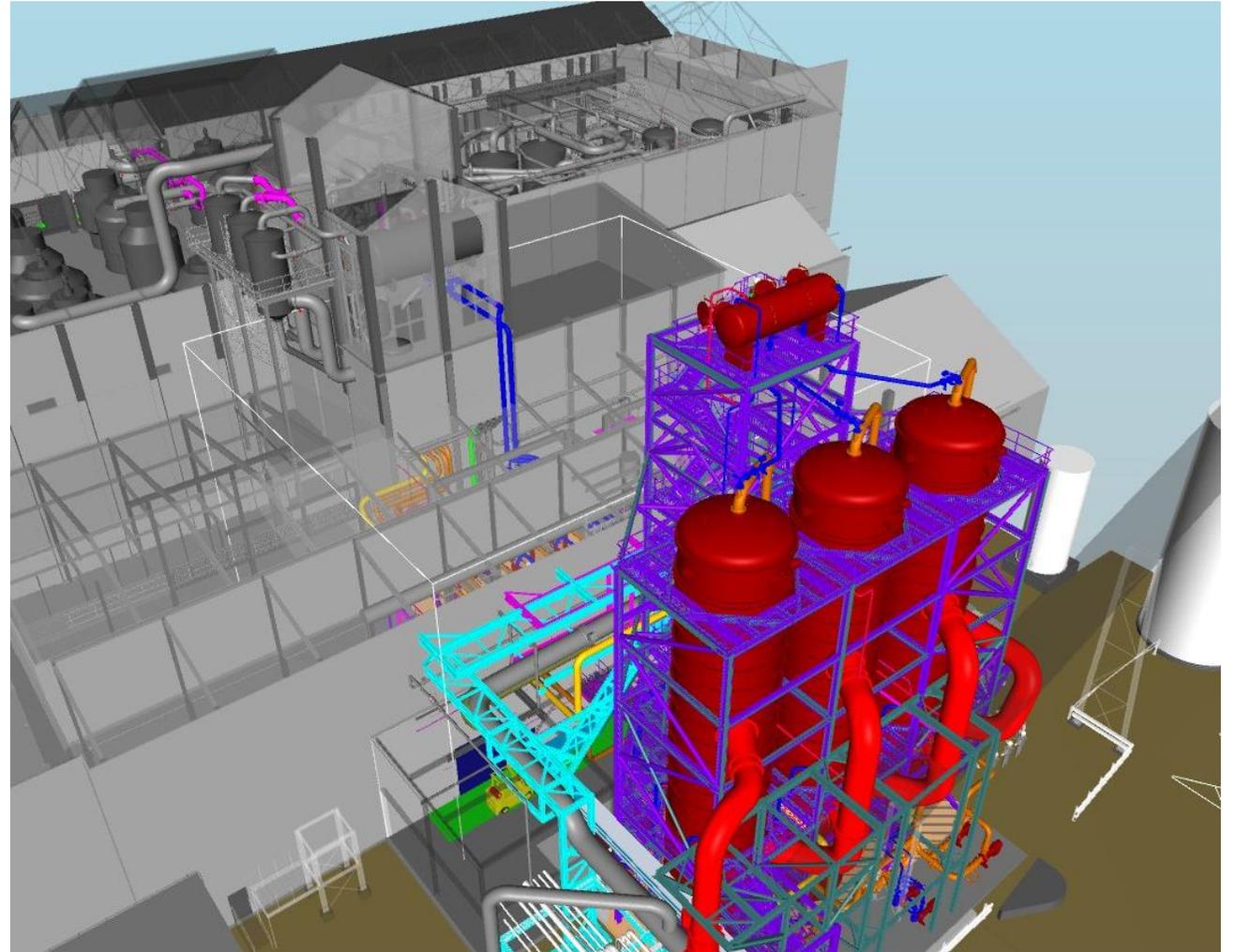
- Accurate as-built modeling
- Design improvement & system optimization
- Fabrication-ready GA, layout & isometric drawings

Scrubber Retrofit & BWTS Installation Engineering

Complete engineering support for marine emission and ballast compliance, aligned with IMO-2020 and BWMC requirements.

Deliverables include:

- GA, isometric & structural drawings
- IMO-BWMC compliant installation design
- Detailed layouts & engineering reports
- Schematics, P&IDs & spool drawings
- Fabrication & installation packages

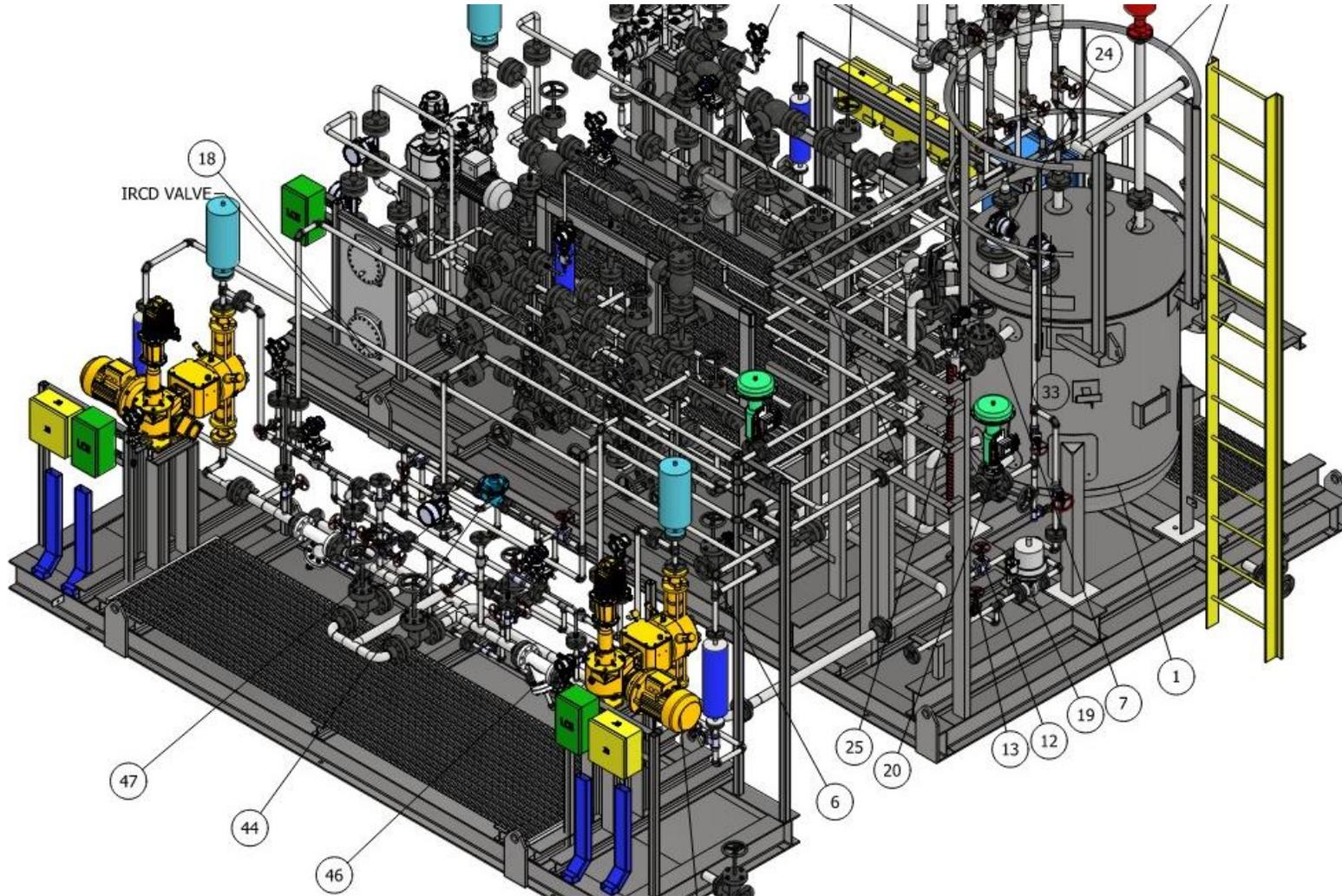


Manpower Supply

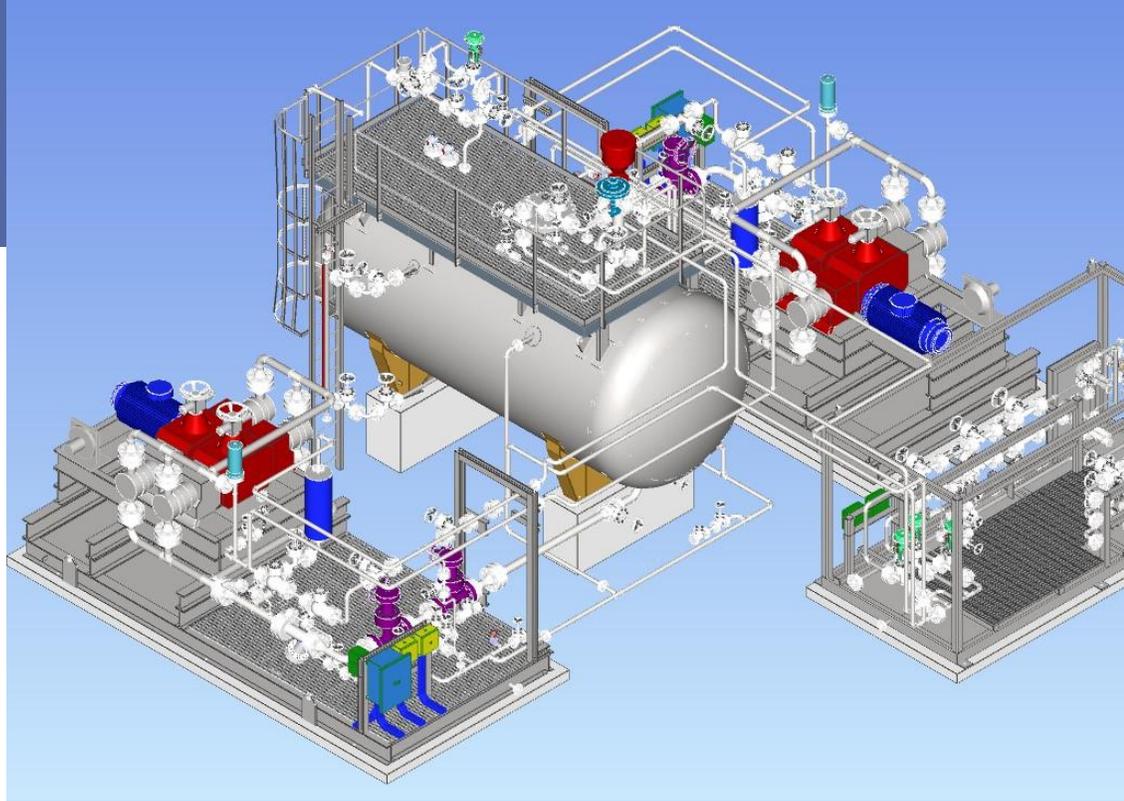
We provide skilled manpower to support the evolving needs of **Oil & Gas**, energy, and industrial projects. Along with Engineers and Designers, we also supply **experienced design professionals** under manpower contracts whenever required by our clients. Our flexible deployment approach ensures you have the right expertise at the right time, helping you maintain continuity, efficiency, and high-quality project delivery.



CI Skid Packages 3D Modeling



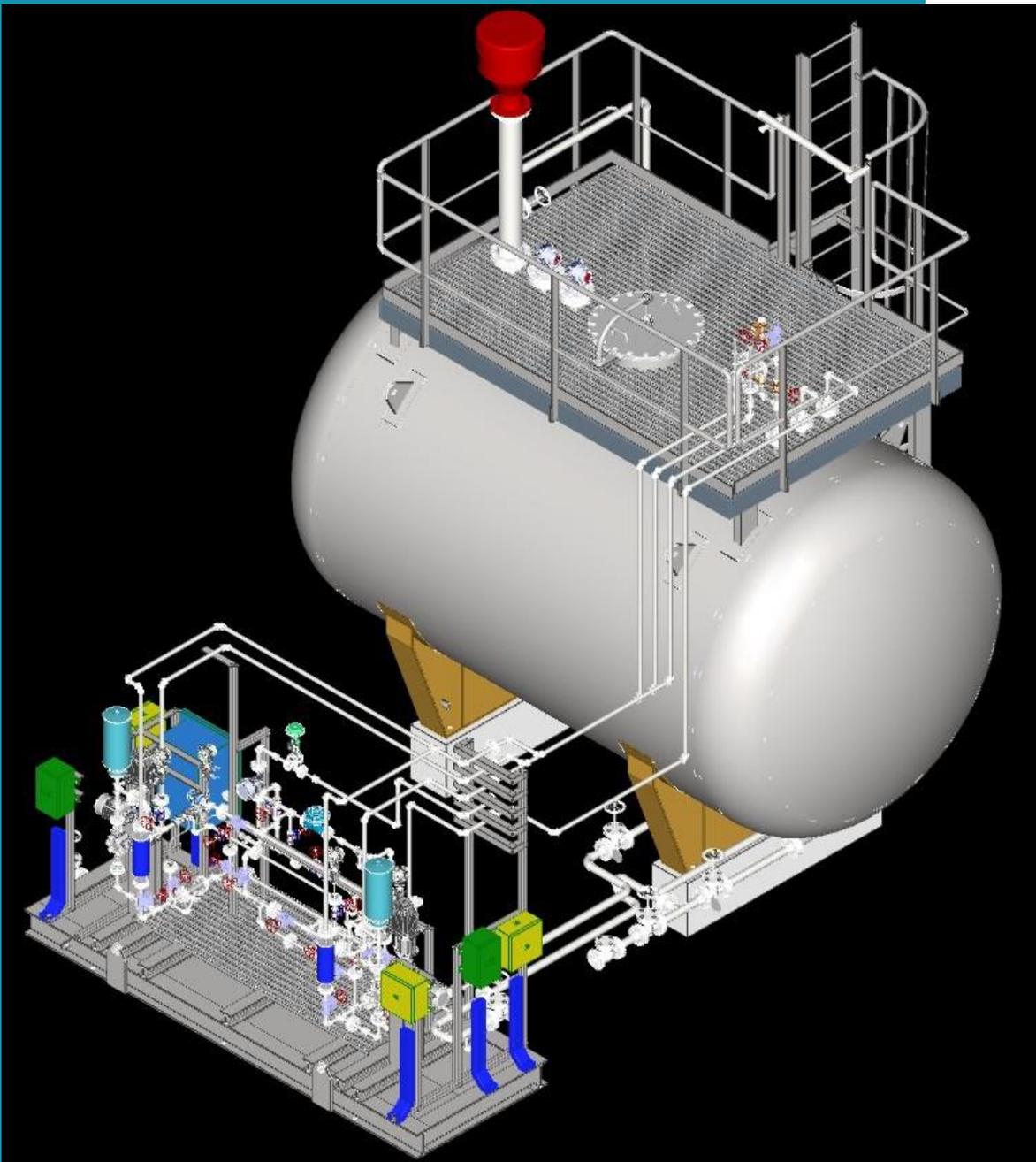
3	BASE FRAME (SKID)	4212mm (H)	S275 JR
3.1	BASE FRAME (TRANSFER PUMP)	5300mm (L) x 1500mm (W) x 2818mm (H)	S275 JR
4	CALIBRATION POT	1/2" 150#, RF	-
5	PULSATION DAMPENER (BLADDER LESS)	1" 2500#, RTJ	SA182 F316/316L
6	GATE VALVE	2" 150#, RF	SA182 F316/316L
7	GATE VALVE	2" 600#, RF	SA182 F316/316L
8	GATE VALVE	1" 2500#, RTJ	SA182 F316/316L
9	GATE VALVE	3/4" 2500#, RTJ	SA182 F316/316L
10	GATE VALVE	1/2" 2500#, RTJ	SA182 F316/316L
11	GATE VALVE	1" 800#, SW	SA182 F316/316L
12	GATE VALVE	3/4" 800#, SW	SA182 F316/316L
13	CHECK VALVE	2" 150#, RF	SA182 F316/316L+STL.6
14	CHECK VALVE	1" 2500#, RTJ	SA182 F316/316L+STL.6
15	GLOBE VALVE	2" 300#, RF	SA182 F316/316L
16	GLOBE VALVE	1" 2500#, RTJ	SA182 F316/316L
17	NEEDLE VALVE	1/2" 2500#, RTJ	SA182 F316/316L
18	IRCD VALVE	1/2" 2500#, RTJ	SA182 F316/316L
19	ON/OFF VALVE	1" 600#, RF	SA182 F316/316L
20	LEVEL CONTROL VALVE	1" 600#, RF	SA182 F316/316L
21	PRESSURE CONTROL VALVE	1/2" 2500#, RTJ	SA182 F316/316L
22	PSV VALVE	INLET: 1 1/2" 2500#, OUTLET: 3" 300#	SA182 F316L
23	Y STRAINER	1" 2500#, RF	SS316L
24	GWR LEVEL TRANSMITTER	4" 300#, RF	SS316L
25	LEVEL GAUGE	2" 600#, RF	SS316L
26	PRESSURE TRANSMITTER	1/2" NPTF	SS316L
27	DP PRESSURE TRANSMITTER	1/2" NPTF	SS316L
28	DIAPHRAGM RUPTURE PT	1/2" NPTF	SS316L
29	FLOW TRANSMITTER ROTAMETER	1/2" 2500#, RTJ	SS316L
30	FLAME ARRESTOR	2" 150#. RF	SS316L



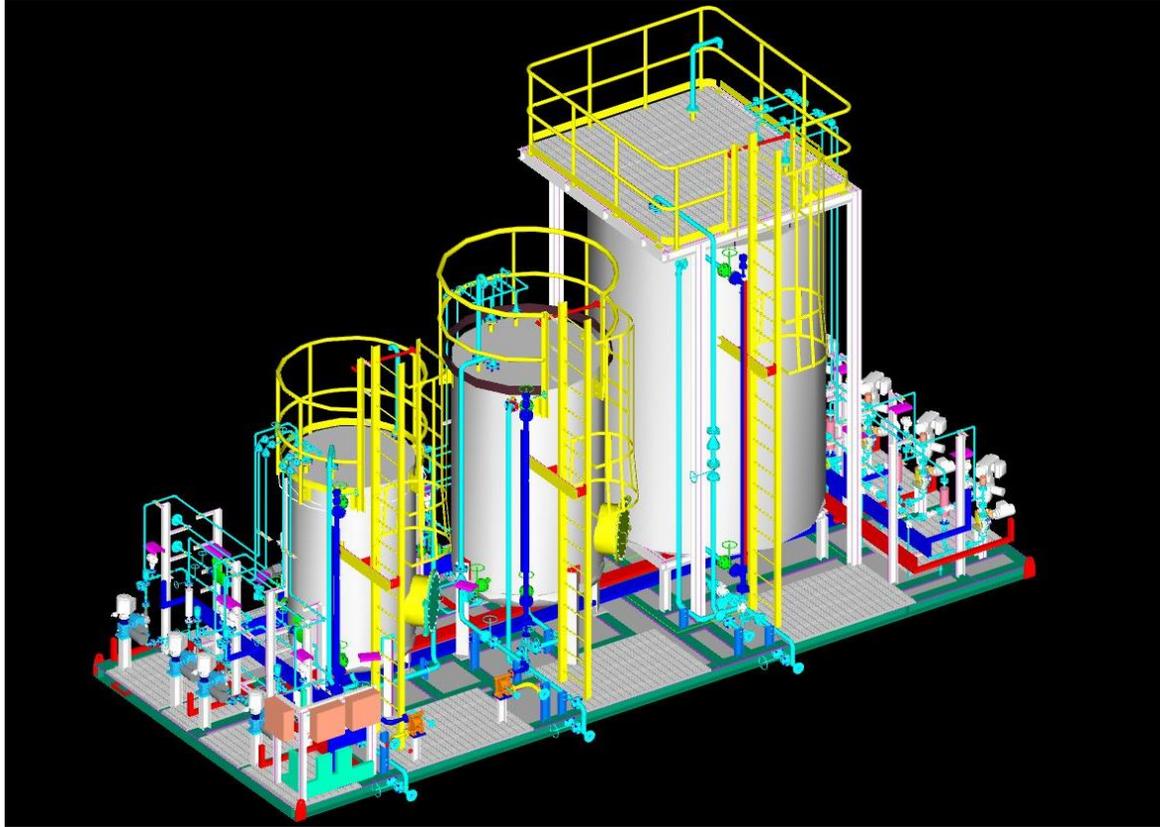
CI Skid Package

CI Skid Package



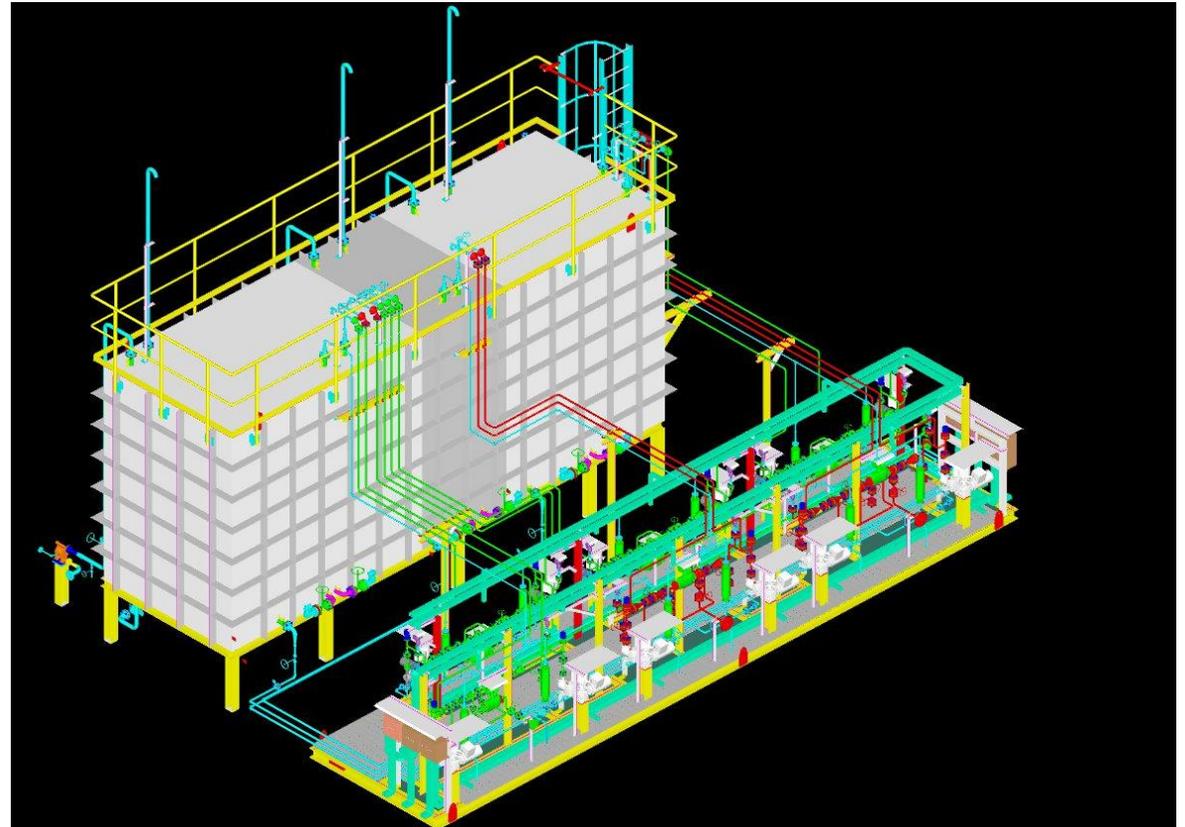


Chemical Injection Skid Packages

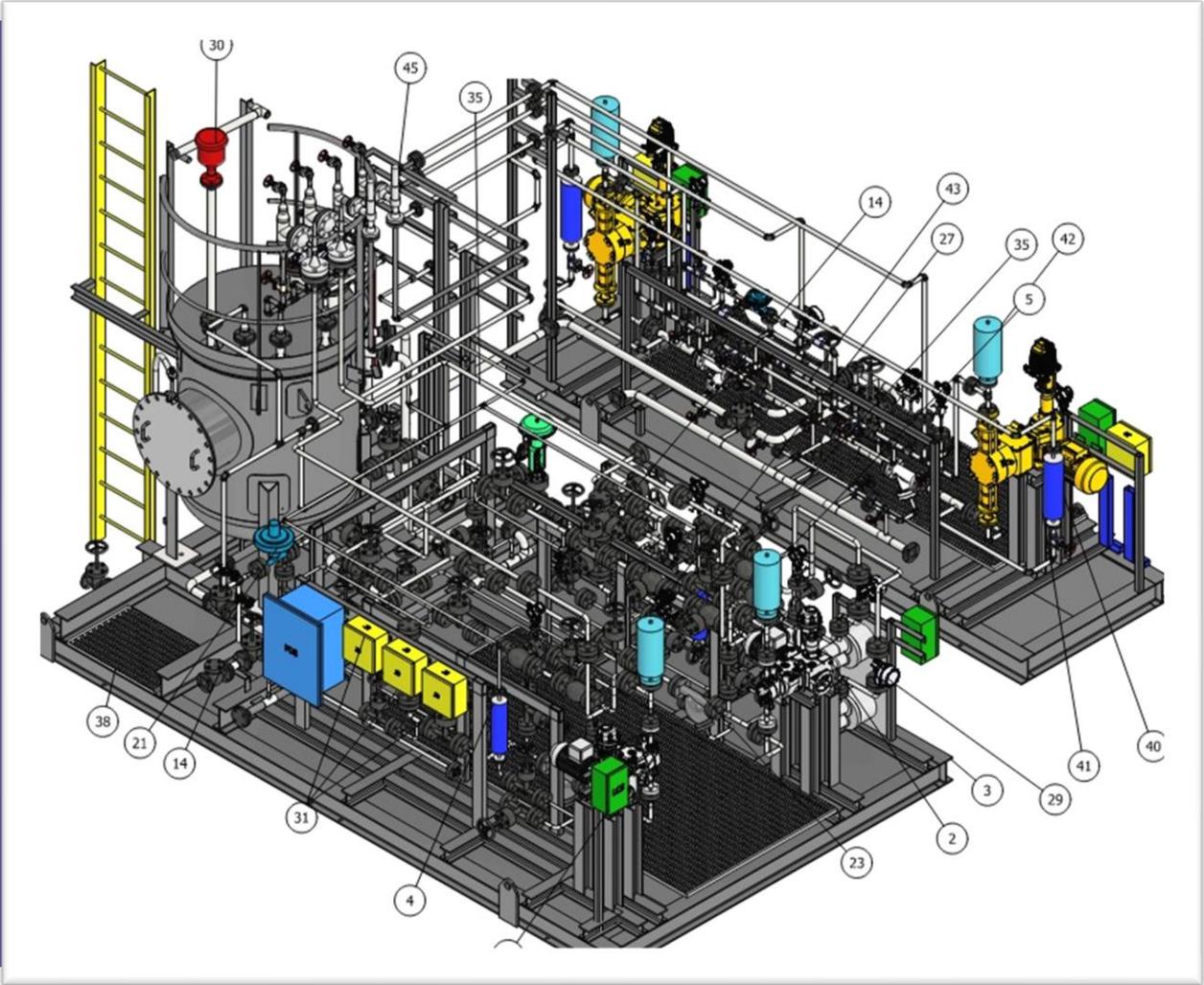
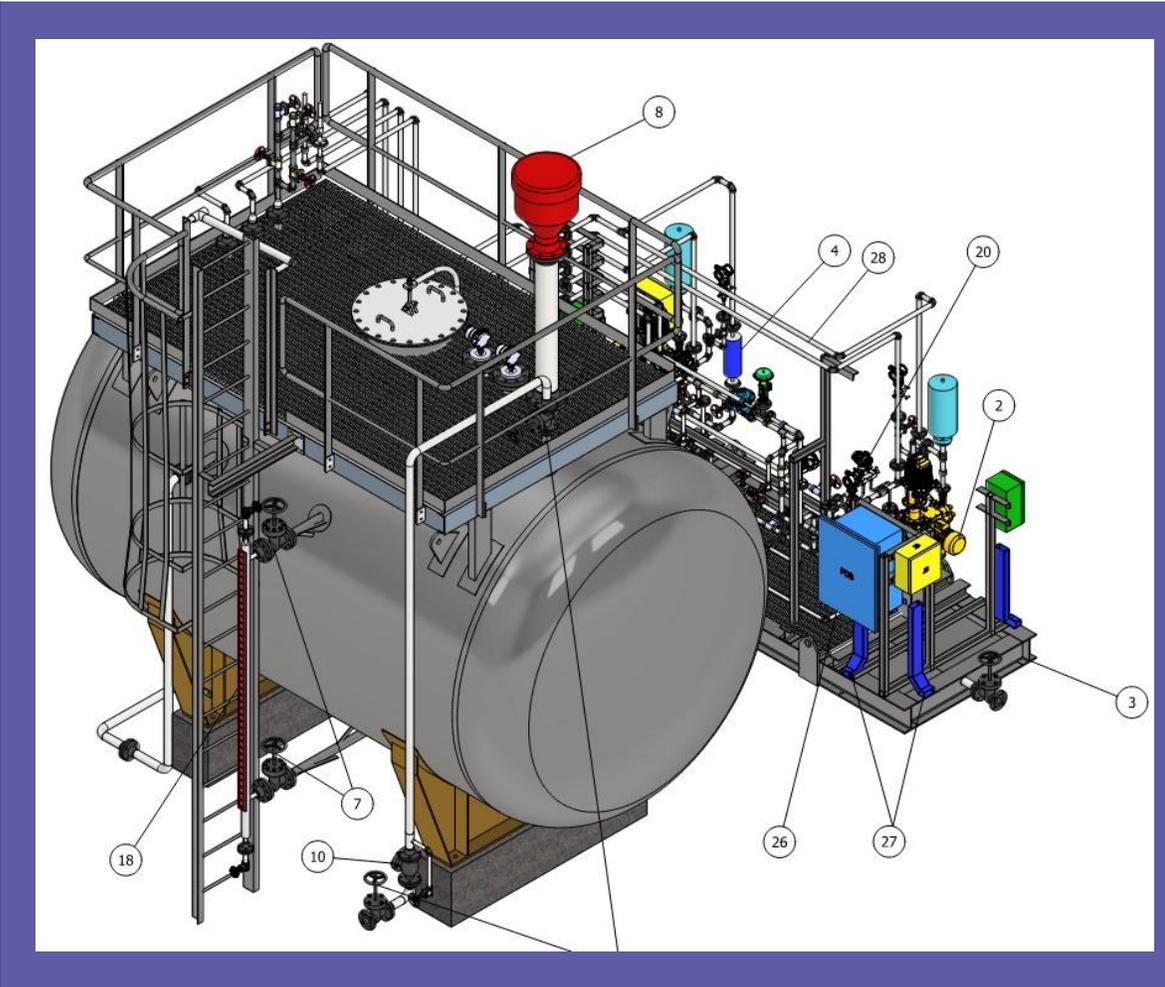


Steam Chemical Injection Point

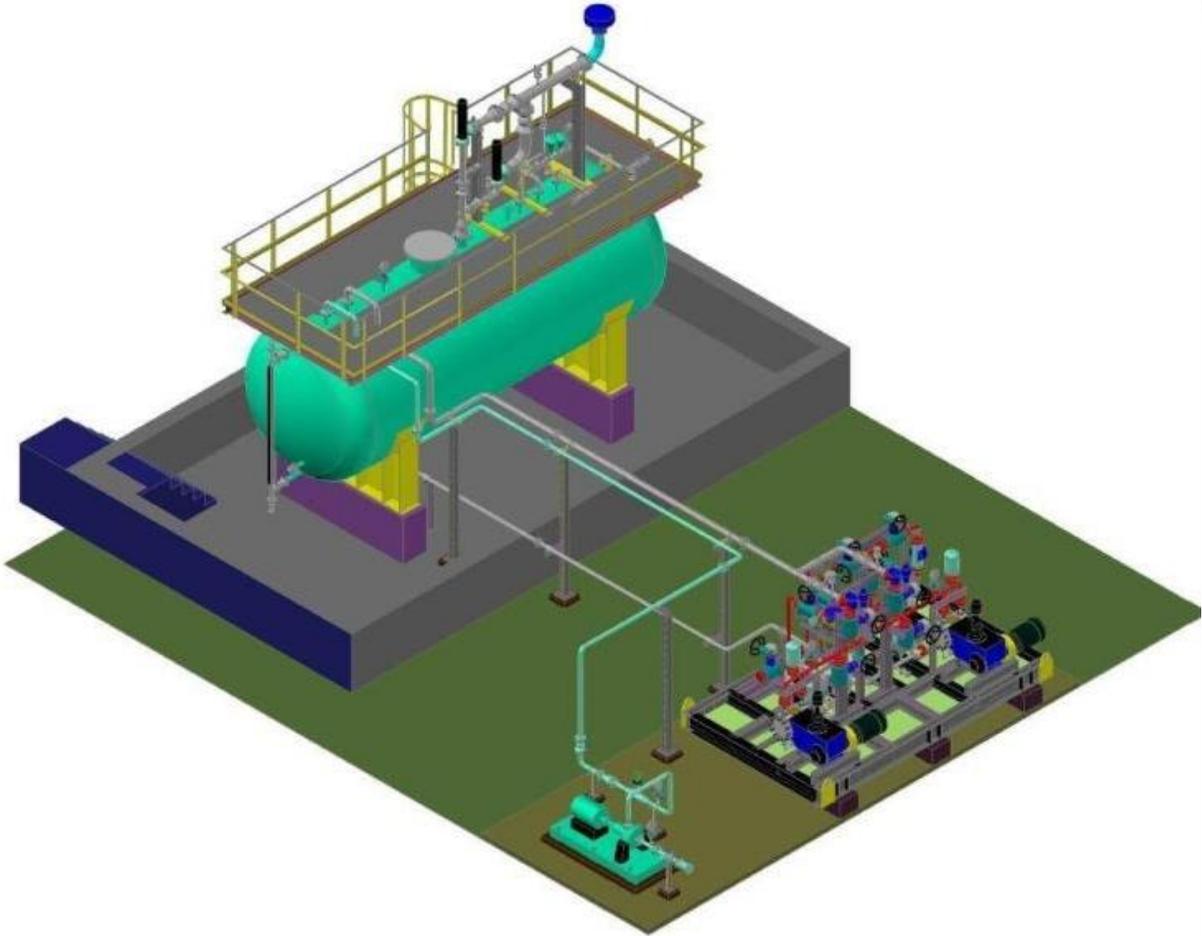
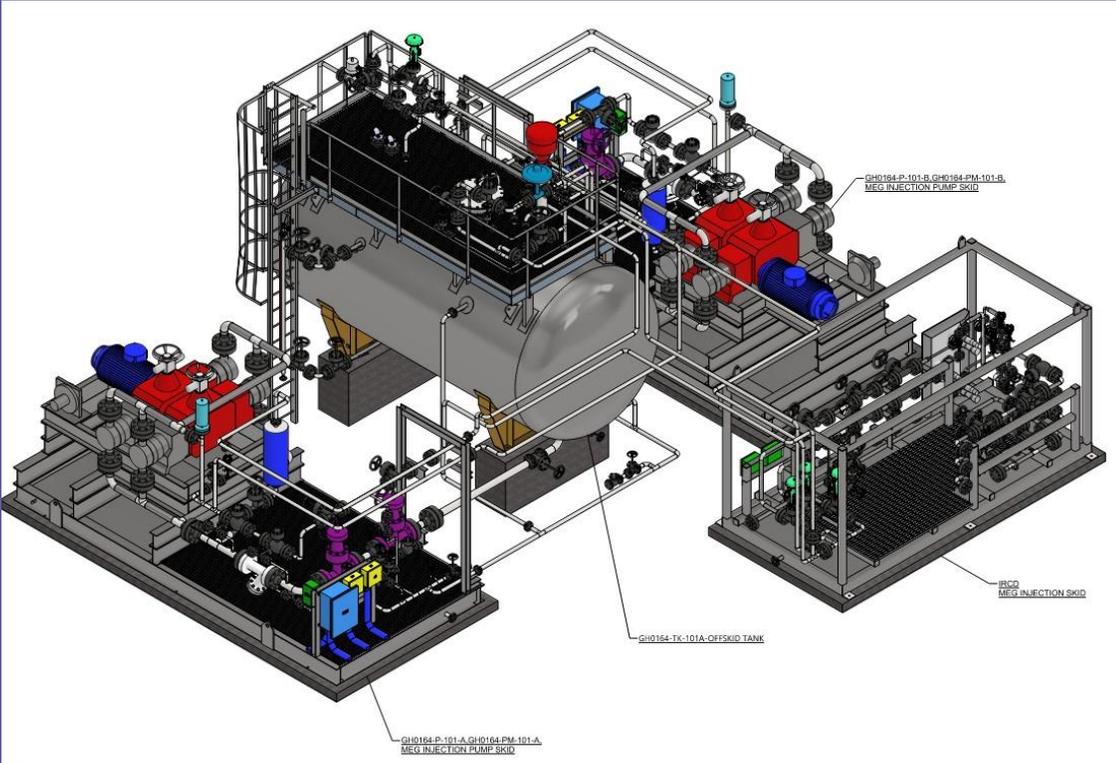
Inlet Facilities – Chemical Injection



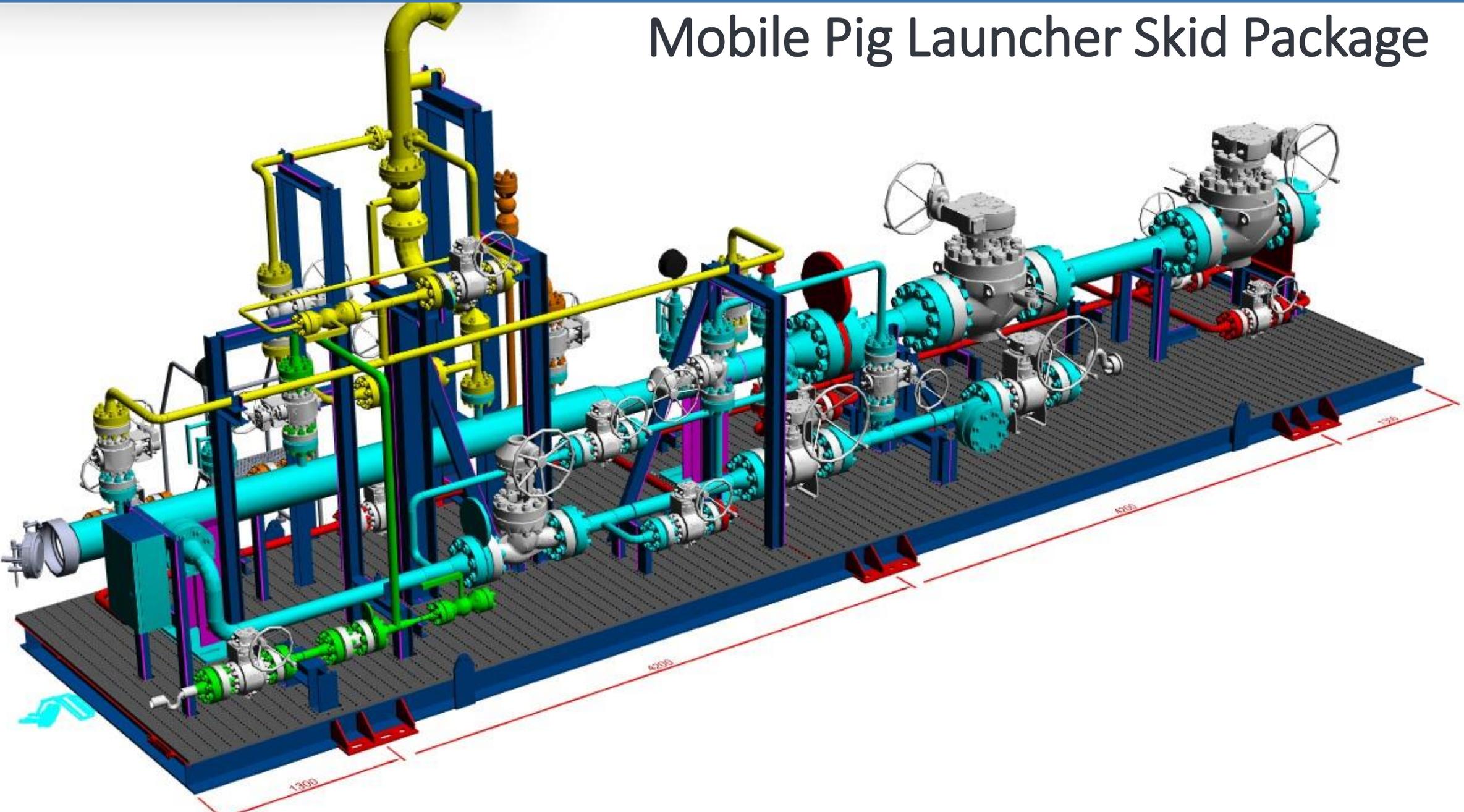
Chemical Injection Skid Packages



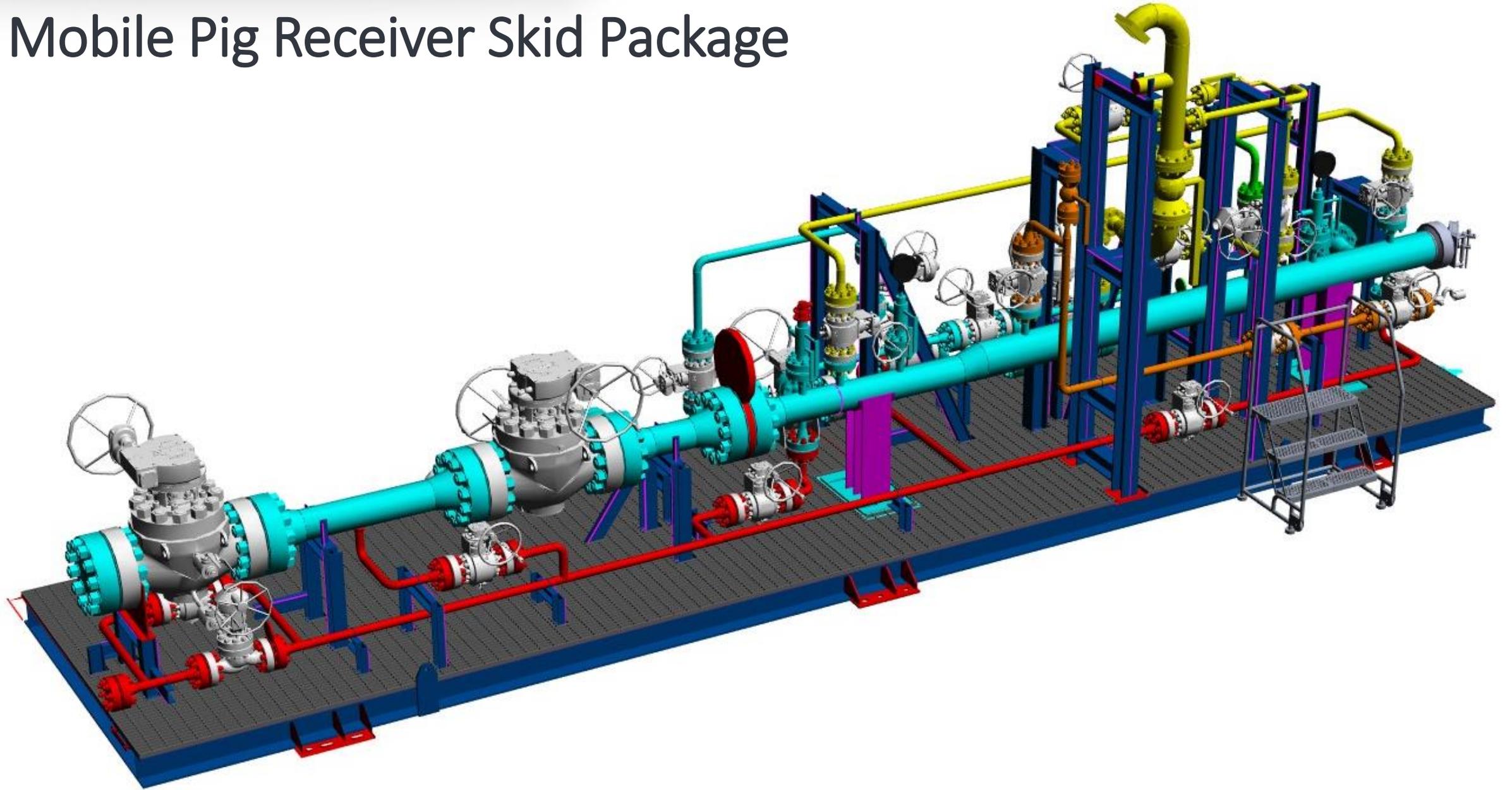
Chemical Injection Skid Packages



Mobile Pig Launcher Skid Package



Mobile Pig Receiver Skid Package

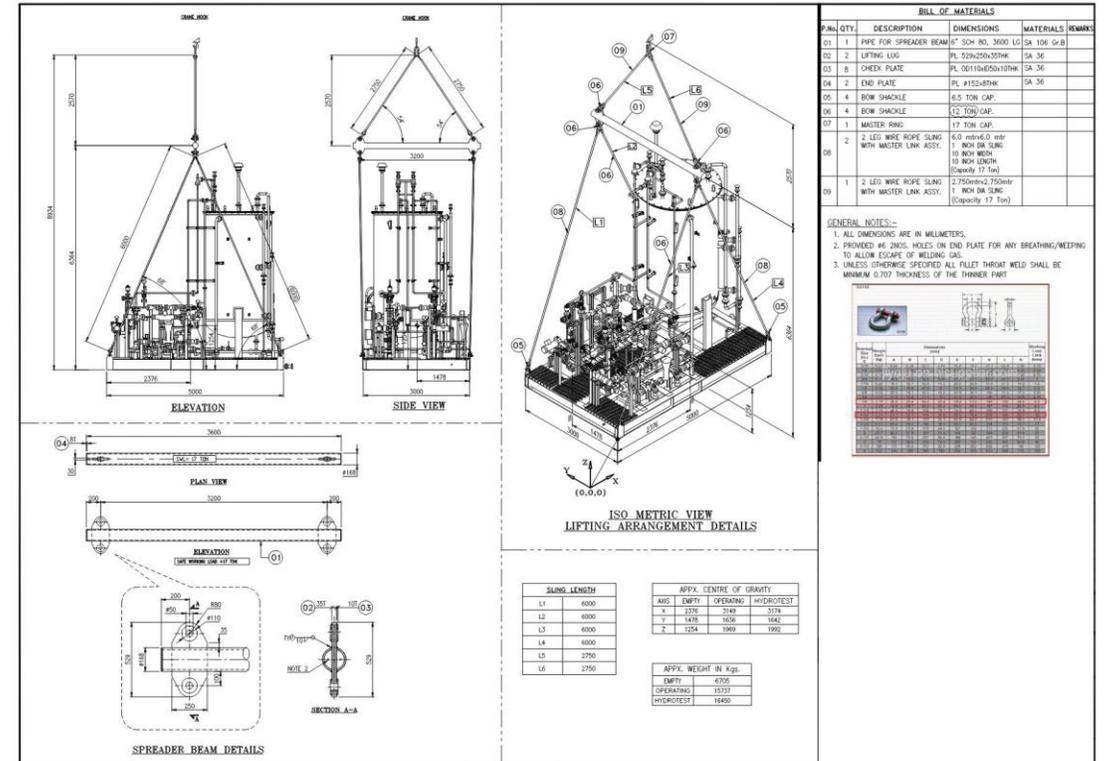


CI Skid Packages

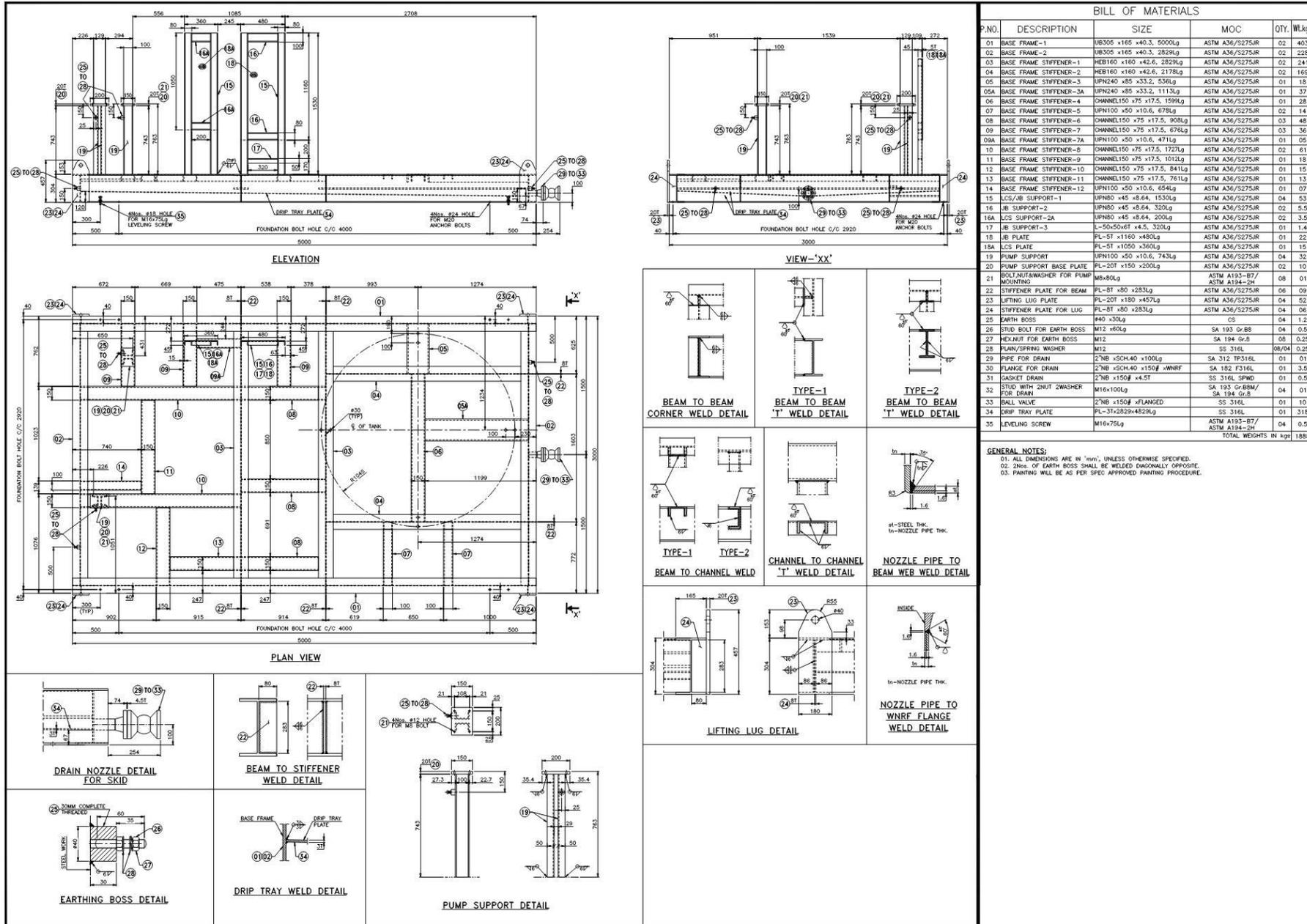


Antifoam Skid Package – Kuwait

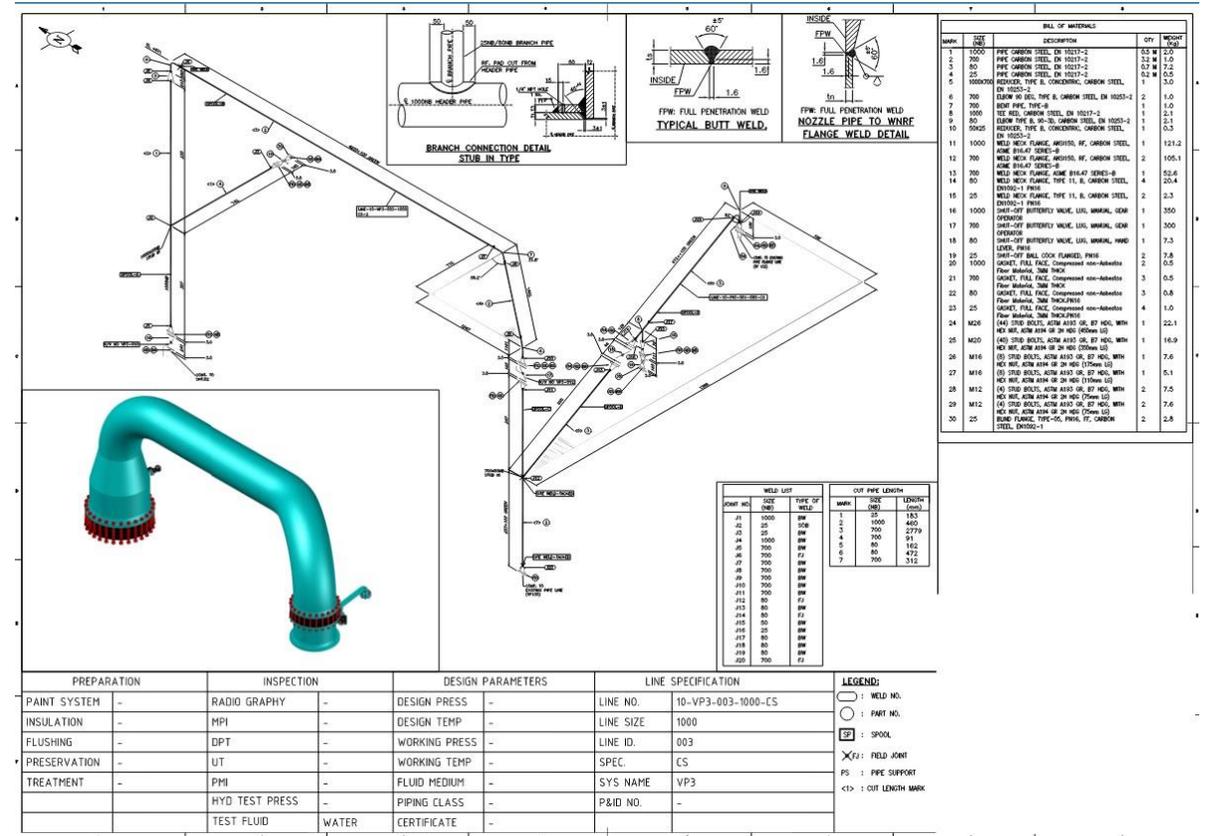
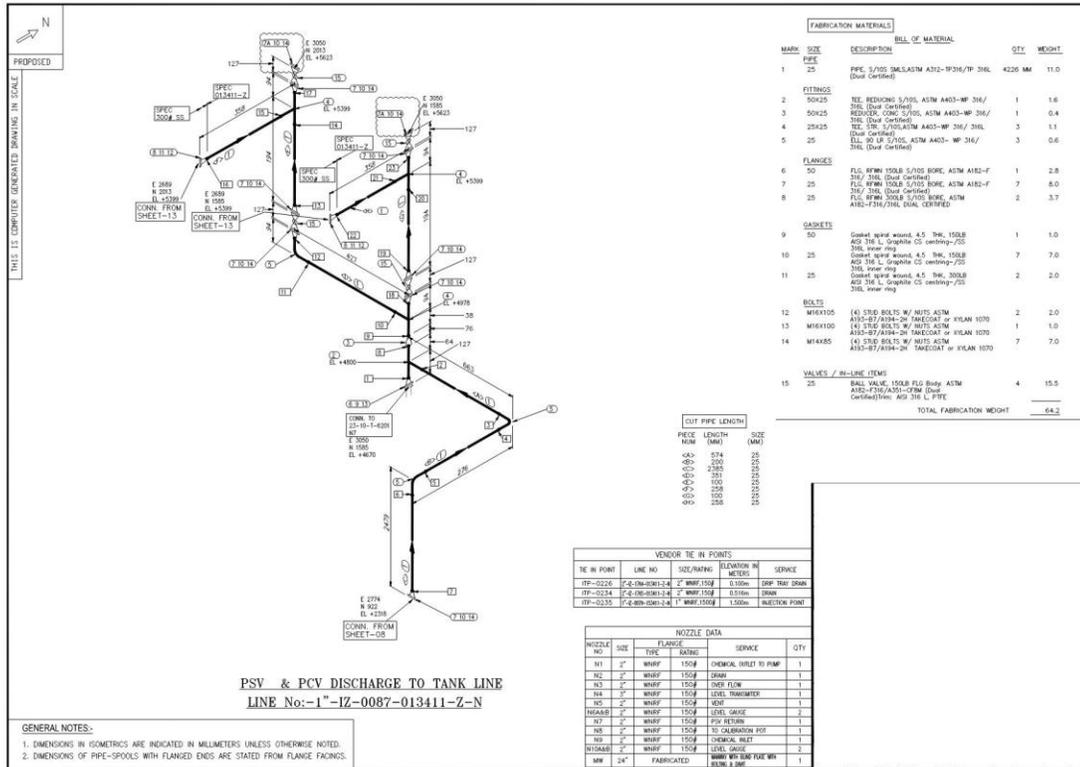
Lifting arrangement drawing



Skid Fabrication drawing



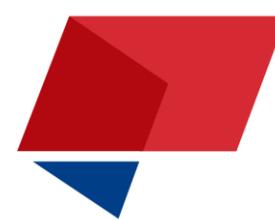
Piping Isometric drawings



Global Energy Engineers – Software Expertise

We specialize in using advanced engineering and design tools to deliver precise and efficient solutions:

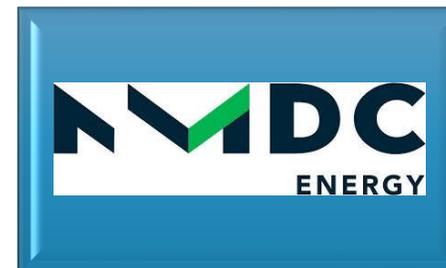
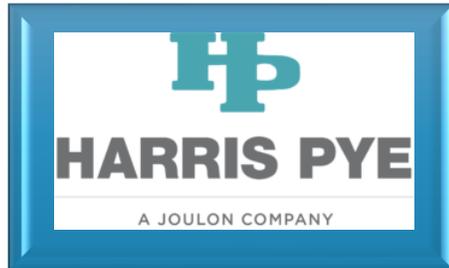
- CADWorx - Piping design and modeling
- Autodesk Plant 3D - Plant design
- AutoCAD - 2D/3D drafting
- Advance Steel - Structural steel detailing
- Tekla Structural - Structural modeling
- PV Elite - Pressure vessel
- Tank - Storage tank design and analysis
- CAESAR II - Piping stress analysis
- STAAD Pro - Structural analysis & design



Tekla[®]
Structures

Our Clients

We are proud to be a **trusted engineering partner** for leading organizations across the globe. Our collaborations span multiple regions and sectors, reflecting our commitment to delivering **innovative, reliable, and efficient solutions** that meet the highest industry standards.



GEES - Team



Karthik Kalimuthu

Managing – Director
Global Energy Engineering



Devaraj Krishnamoorthy

Director - Operational
Global Energy Engineering



Igor Nefedov

Founder – CEO
INENERGY Consulting FZCO



Sushmitha Hulkund

Process & Feasibility Study
INENERGY Consulting FZCO

Contact us:



Global Energy Engineering Services No:2, SK Complex, 2nd Floor
Shanthi Avenue, Chitlapakkam Main Road, Selaiyur, Chennai-73



India +91 9600175864



UAE +971525919770



Email: info@globalenergyengineering.com



www.globalenergyengineering.com



[Global Energy Engineering LinkedIn](#)



THANK YOU

GLOBAL ENERGY ENGINEERING SERVICES.

