



**INFOFABS**  
We Deliver With Quality



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WITH  
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# **INFOFABS** ENGINEERING & CONTRACTING

*Excellence & Innovation Built every Design*





## ABOUT US

Infofabs Engineering and Contracting is a leading provider of engineering services in UAE. Our team of highly skilled professionals is dedicated to delivering high-quality services that meet the needs of our clients. Our knowledge of engineering codes, standards, and regulations ensures that every project we work on is completed to the highest standards. We also understand that every project is unique and has its own set of challenges, which is why we work closely with our clients to understand their specific needs and requirements. Our approach to project management is collaborative, and we believe that by working together, we can achieve the best results

## OUR MISSION

Our mission is to provide our clients with the highest quality engineering services. We strive to deliver our services in a timely and cost-effective manner, while always upholding the highest standards of safety, efficiency and innovation. We are committed to providing our clients with the best possible solutions to their project's needs. Our clients are assured they are dealing with a decision maker who is keenly aware of the importance of success on each and every project no matter the size.

## OUR VISION

Our vision is to be the leading engineering services provider in the industry, known for our innovative solutions and exceptional customer service. We strive to exceed our customers' expectations through our commitment to quality, safety, and reliability. We are committed to fostering a culture of innovation and collaboration within our team, while maintaining the highest professional standards. We believe that our success is based on our ability to work collaboratively with our customers to ensure successful project outcomes.





- STRUCTURAL DESIGN
- STRUCTURAL DETAILING
- SCAFFOLDING DESIGN
- PIPING & PIPELINE DESIGN
- BUILDING MAINTENANCE
- PRESSURE VESSAL & EQUIPMENTS DESIGN
- PROJECT MANAGEMENT SERVICES
- QA/QC SERVICES
- NDT SERVICES
- OTHER SERVICE

## OUR SERVICES

Infofabs Engineering and Contracting provide clients with comprehensive solution for their projects to various industries which include Commercial & industrial Construction, Oil & Gas industries (Offshore & Onshore), API Tank, Petro chemicals and Refineries Power sector, Steel plants and infrastructure projects. We can provide our service in range of disciplines



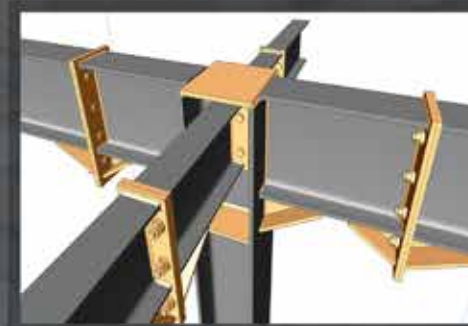
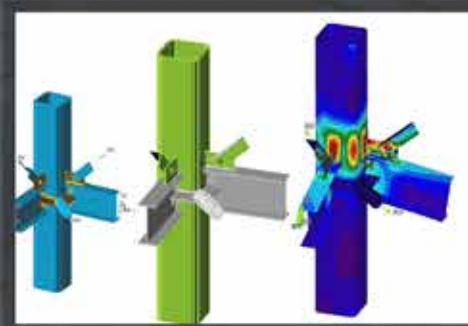
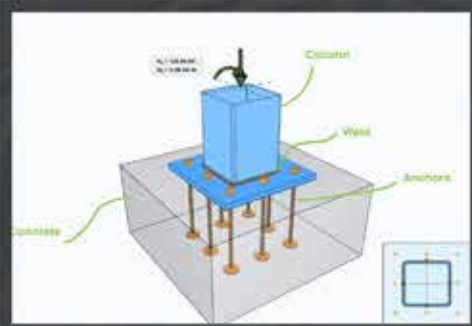
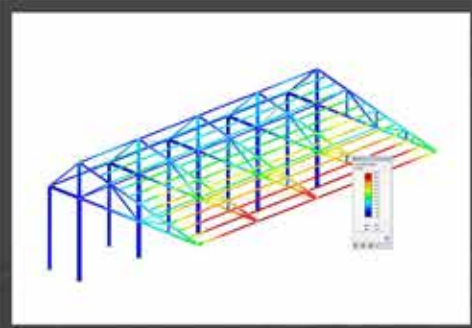


# STRUCTURAL DESIGN

Infofabs Engineering provide comprehensive structural designing solution for construction projects. We have experienced design expertise to cater for complex, innovative structures and geometrical shapes which are built using a wide variety of steel sections. We have designed complex connections and checked applicable members' sizes. We are experienced in all kind of platforms, jackets, staircases, railings, pipe racks, warehouse, work shop and canopies. All design and analysis are performed applicable standards and provide specific material- design codes.

## OUR RANGE OF SERVICES INCLUDE

- STRUCTURAL DESIGN
- LOAD CALCULATION
- MEMBER DESIGN
- CONNECTION DESIGN
- FOUNDATION DESIGN
- LIFTING & TRANSPORTATION ANALYSIS
- LIFTING DRAWING & TRANSPORTATION DRAWING
- SCAFFOLDING DESIGNING



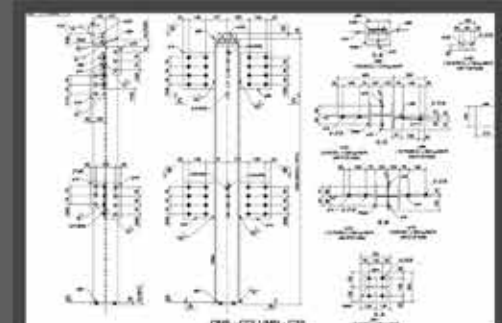
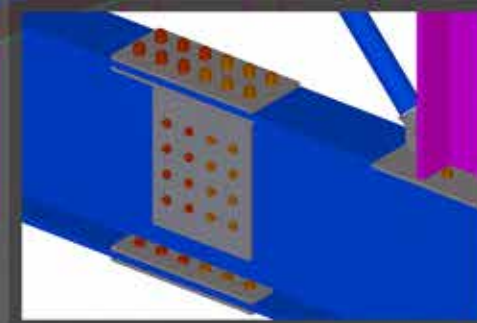
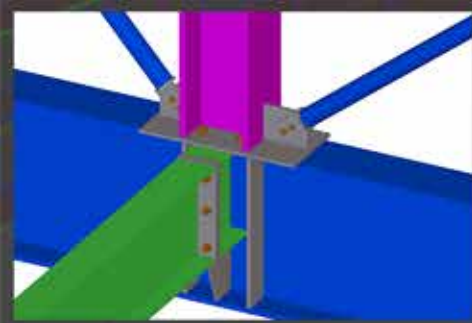
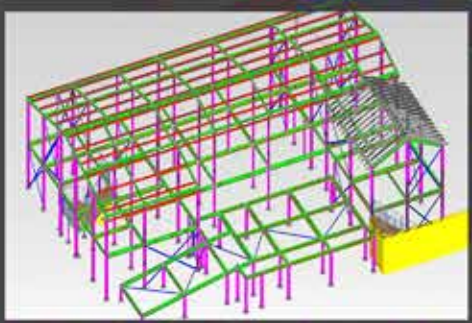
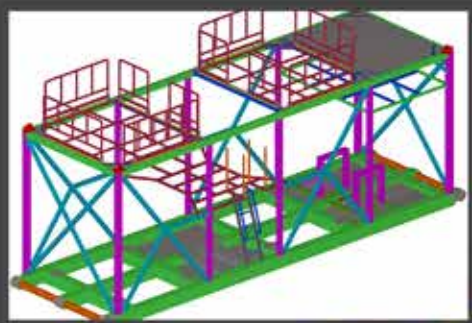


# STRUCTURAL DETAILING

Infofabs Engineering offers a complete structure detailing services using latest Advance Steel detailing software. Our team focus on creating efficient and effective 3D models and generate 2D drawings. We work out every single detail dimensions, raw materials, BOM, shop drawings, connection sketches. Our approach eliminates the chances of a mistake happening down the assembly line, thereby saving up on time and resources, and enabling the timely and systematic completion of our project

## OUR RANGE OF SERVICES INCLUDE

- 3D MODELLING
- GA DRAWING
- ASSEMBLY DRAWING
- SINGLE PART DRAWING
- CNC FILE GENERATION
- NESTING
- MATERIAL LIST, MTO
- REPORTS (BOM, PART LIST, ASSEMBLY LIST etc.)



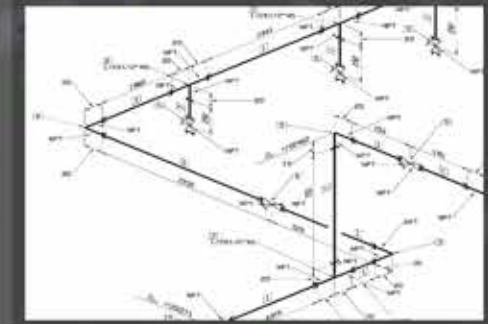
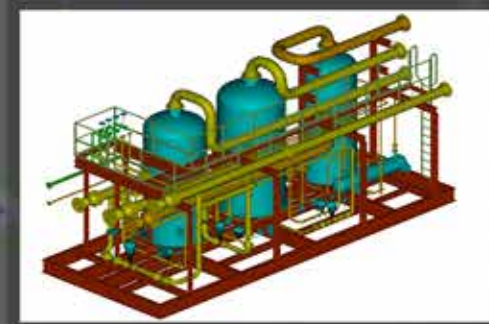
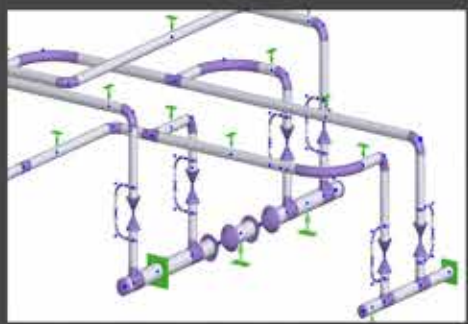


## PIPING DESIGN & DETAILING

Infofabs Engineering services works with a highly-skilled and qualified team of mechanical engineers who are dedicated to offer for their support to mechanical design and details. Our experienced mechanical engineers closely work with our esteemed clients in the development of 3D modeling, conceptual designs, detailed engineering, CAE analysis, material selections and technical publications. We have skilled industry specific mechanical designers to provide optimal piping design solution

### OUR RANGE OF SERVICES INCLUDE

- PIPING DESIGN
- PIPING 3D MODELING
- PIPING LAY OUT
- PIPING ISOMETRICS
- PIPING AND INSTRUMENTATION DRAWINGS(P&ID)
- PIPING MATERIAL CLASSES & DATA SHEET FOR VALVES
- PIPING SUPPORT DESIGN & DETAILING
- PIPING MATERIAL TAKE OFF (MTO) GENERATION



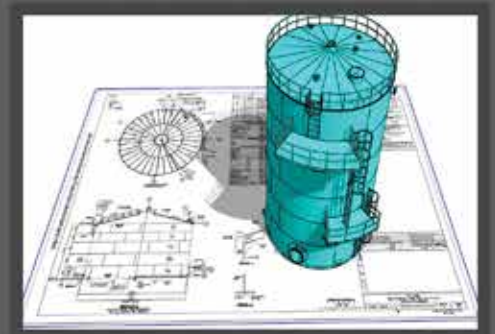
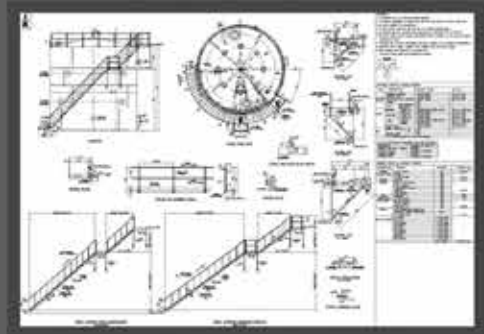
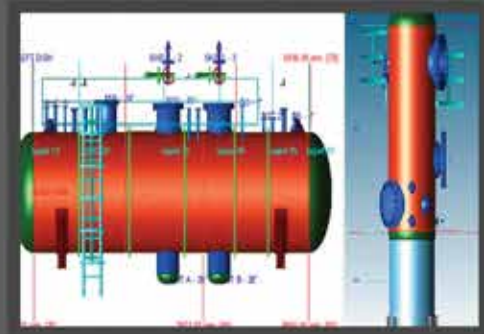


# PRESSURE VESSEL AND EQUIPMENTS DESIGN SERVICES

Tank and Pressure Vessel Design and Detailing services include the development of solutions that meet the specific project requirements. Our services include detailed analysis, design, detailing, and drafting of all tank and pressure vessel components. The design of a tank or pressure vessel depends on the application and the requirements of the project. Pressure vessels are designed to withstand internal pressure, external pressure, and thermal stress. Factors such as the shape, materials, size, and welding technique must all be considered when designing a pressure vessel. We are provide for shell, Heads, Nozzles, Reinforcement pad and supports details.

## OUR RANGE OF SERVICES INCLUDE

- PRESSURE VESSEL DESIGN
- TANK & VASSEL 3D MODELING
- FABRICATION DRAWINGS
- NOZZLE ORIENTATION DRAWINGS
- CONCEPTUAL DESIGN
- PROTOTYPING AND TESTING
- QUALITY ASSURANCE AND STANDARDS
- DETAILED ENGINEERING



# Quality Assurance (QA) Quality Control (QC) SERVICES

QA and QC services may be provided internally by organizations through dedicated quality teams or outsourced to specialized third-party providers. These services are vital for enhancing customer satisfaction, reducing costs associated with rework and recalls, and maintaining competitiveness in the market.



## QUALITY CONTROL(QC)

- QC is a reactive process focused on identifying defects and errors in the product or service after it has been developed.
- It involves inspecting, testing, and evaluating the product or service against predefined quality criteria to ensure that it meets the required standards.
- Inspection and testing of raw materials, components, and finished products.
- Verification of compliance with specifications and standards.
- Corrective actions to address identified defects or deviations from quality standards.



## QUALITY ASSURANCE (QA)

- QA is a proactive process aimed at preventing defects and errors in the product or service being developed.
- It involves establishing standards, processes, and procedures to ensure that the product or service meets predefined quality criteria.
- QA activities typically include
  - Defining quality standards and objectives.
  - Implementing processes and procedures to achieve those standards.
  - Conducting audits and reviews to ensure compliance with standards.
  - Training personnel on quality standards and procedures.
  - Continuous improvement initiatives to enhance processes and prevent defects.



## NDT (NON DESTRUCTIVE TEST) SERVICES

NDT (Non-Destructive Testing) is a method used to evaluate the properties of a material, component, or system without causing damage. NDT is crucial across various industries, including aerospace, automotive, manufacturing, construction, and oil and gas, where ensuring the integrity and reliability of materials and structures is essential.



### OUR RANGE OF SERVICES INCLUDE

- LIQUID PENETRANT TESTING (PT)
- RADIOGRAPHIC TESTING (RT)
- MAGNETIC PARTICLE TESTING (MT)
- VISUAL TESTING (VT)
- ULTRASONIC TESTING (UT)



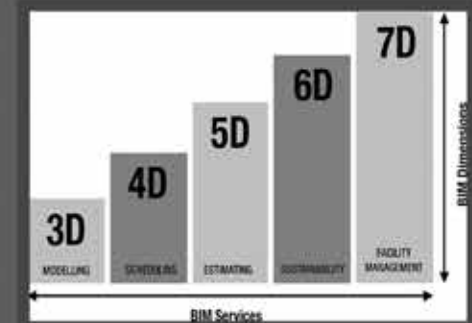


# PROJECT MANAGEMENT & BIM SERVICES

Right project management forms the core for any project execution to be completed on time and within budget. Our team of expertise can provide right quantity estimation for budgeting, proper planning and construction sequence for successful project execution. Building information modelling (BIM) is a technique that performs and manages building information as well as supports easy interoperability, flexibility, etc. This technique provide many advantages including improved productivity, cost effectiveness, reduced rework, and improve coordination & more. Infofabs offer several types of BIM services such as structural, mechanical,3D,4D,5D,6D Modeling services.

## OUR RANGE OF SERVICES INCLUDE

- QUANTITY ESTIMATION
- SCHEDULING AND PLANNING
- CONSTRUCTION SEQUENCE & SIMULATION VIDEO
- AUTOMATED 4D SCHEDULING
- AUTOMATED PROGRESS TRACKING
- RESOURCE UTILIZATION
- QUALITY CONTROL & COST CONTROL
- PROJECT REPORT AND S-CURVE





## OTHER SERVICES

We specialize in general building maintenance services. Our experienced team provides comprehensive solutions for all types of buildings, including offices, warehouses, apartment buildings, and more. We are dedicated to providing the highest quality of service and workmanship, using only top quality materials. Our team is committed to providing superior customer service, and our goal is to make sure your building is safe and comfortable for everyone who uses it. We strive to provide timely and cost-effective solutions that meet your needs.

## OUR RANGE OF SERVICES INCLUDE

- CARPENTRY AND CARPENTRY REPAIRS
- WINDOW AND DOOR REPLACEMENT
- ROOF REPAIRS AND MAINTENANCE
- FACILITY MANAGERMENTS
- BUILDING REPAIRS AND RENOVATIONS
- PLUMBING AND ELECTRICAL REPAIR
- AC MAINTENANCE AND INSTALLATION
- PAINTING AND DRYWALL SERVICES

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+971 2 5865 766

+971 52 6366 495

info@infofabs.com



Office No. M4,  
Building No. C222,  
ME-12, Musaffah,  
Abu Dhabi-UAE

