

The image shows an industrial facility with a complex network of pipes. In the foreground, there are large, horizontal pipes wrapped in silver insulation. A prominent feature is a large, yellow-painted pipe that curves upwards and then downwards. Several red-handled valves are visible on the pipes. The background shows more industrial structures under a clear blue sky.

DTX[®]

Engineering Services
Manufacturing Engineering
Domain Training
Resource Augmentation
Engineering Services
Turnkey Projects

Process Plants | Oil & Gas | Energy Sector
One-stop Engineering Solution

1. Company's background

Design Technix - Bangalore is a proprietorship company registered under MSME Udyog Aadhaar since November 2018 headed by Mr. Vasudeva Y N who has worked in India and abroad in major process and oil and gas sector companies such as Fouress, ABB, Chemtex, Foster Wheeler, Worley Parsons, AIB vincotte etc.

We have started our Business Journey as Design Techniques in the year 2006, then we branded out company as VKDT to the corporate world as VK Design Techniques India Pvt. Ltd. Since 2009 and rebranded again in 2018 as DTX-Design Technix.

We have a team strength of 10 full time staff and having all the necessary infrastructure with a seating capacity and IT infrastructure to accommodate 30 employees and having owned all the necessary CAD software like, AutoCAD, BricsCAD, ActCAD, Microstation, SSPipe, MS Office, Antivirus etc., complete with FTP Server with firewall and dedicated Internet facilities for communication needs.

We have executed more than 50 Projects including the complete 2D,3D, BOM and engineering deliverables like, P&ID, Piping Isometrics, Pipeline flow line drawings, 3D Modeling and As-Built Projects for all the major customers in India and abroad.

2. Field of Working

We are a multidisciplinary Engineering Full service company providing Design and engineering solutions to the core industrial sectors like, Petrochemical, Oil & Gas, Process Plant industries including, food, pharma, biotech, dairy, pulp production etc.,

In our portfolio of services we have major business areas like, Training, Projects and Skilled Manpower deputation to clients workplace for various engineering support services like, pre-commissioning, post commissioning , As-Built Engineering services including revers engineering.

3. Work in hand at present

- a. Preparation of piping stress analysis of Suez water treatment plant HAMMA and HURL Project
- b. Preparation of UG Utility Survey Drawings for INTEL Bangalore Bellandur campus
- c. Preparation of 350 P&ID Drawings including process and electrical updates using Engineering Base Software
- d. Preparation of AEC Drawings for Maa Architects & Consultants

4. Local Office (in Assam) details – Nil**5. Key Experienced manpower having more than 20 years experience in relevant fields.**

The following are the key person working with us

- | | |
|------------------|----------------|
| 1. Vasudeva Y N | 6. Gobenath |
| 2. Malathesh OS | 7. Jagadish |
| 3. Pavan M | 8. Mohith |
| 4. Shushrith | 9. Madhusudhan |
| 5. Mothilal Naik | 10. Ansari |

One-stop Engineering Solution

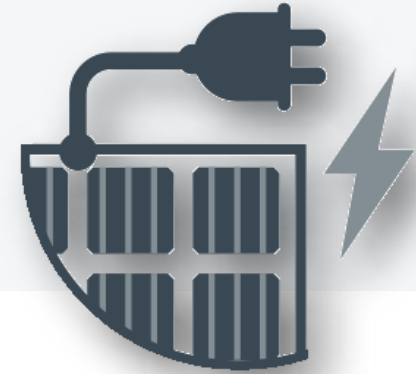
We cater complete-scope multi-spectrum services on engineering, Project Management, Execution, and Technical documentation to Process, Oil & Gas, Energy companies and their industry contractors, ship owners, engineering houses, suppliers and operators.



Process Plants



Oil and Gas



Energy Sector



Oil and Gas

Our Oil & Gas Services

- Project management
- QA/QC and HSE management
- RAM analysis
- De-bottlenecking
- Process
- EPCM
- Verification and Optimization
- Document control
- Floating solutions
- Modularization and skid design
- Weight & Cost estimation
- Fabrication management and follow-up





Our Sustainable plant engineering

Our insightful understanding of industrial processes and regulations helps us design your plant to ensure process safety, sustainability and efficiency.

Our services cover all disciplines and every phase of a process plant project, everywhere in the world. Our customers benefit from synergies derived from our broad industrial experience. Our teams have experience from working with clients in various industries, some of them mentioned below:

- Pulp & paper
- Chemicals & Fertilizers
- Cement
- Steel manufacturing
- Water treatment

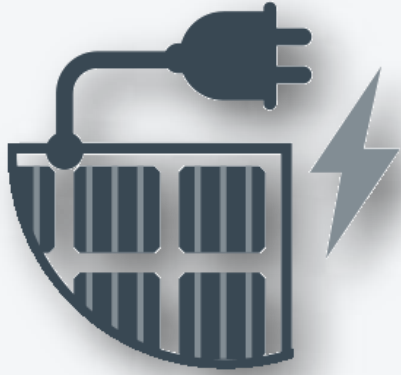


Process Plants

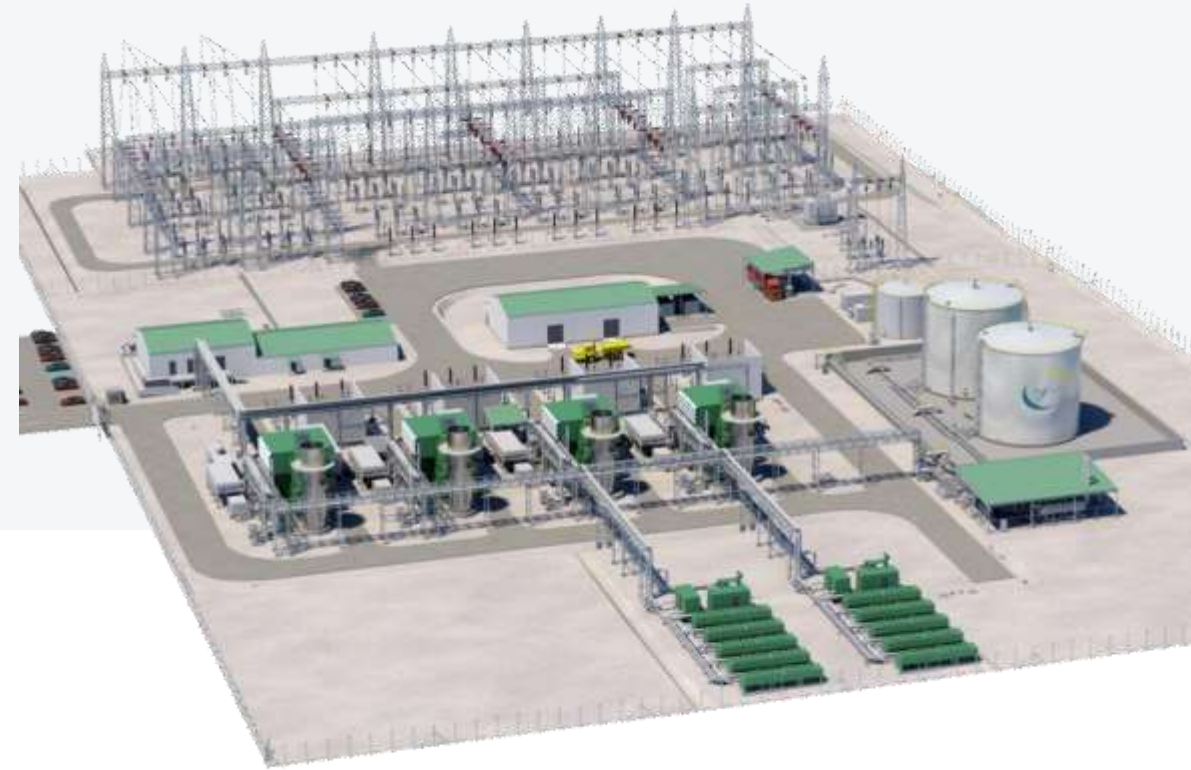
Our Energy Sector Services

Our design experience covers a large scale of power plants

- Project Management
- QA/QC Management
- HSE Management
- Procurement Management
- EPCM
- FEED Studies & Concept Design
- Basic & Detail Engineering (Multi-discipline)
- Product Engineering & Modularization
- Information Management Services & Document Control Services



Energy Sector



Why DTX ?

Globally recognized firm that has been leading the way in Design and Detailed Engineering Services for oil and gas companies globally.

DTX has been providing all round engineering solutions such as **Detailing, Designing, Layouts, Process Engineering, Instrumentation Engineering, Piping Engineering, Electrical Engineering, Civil Engineering.**

- Project completion on time
- Experience of over decades in industry
- Trust & Credibility in the market
- Deployment of skilled engineering professionals
- Engineering services of international standard
- Cost effective services to the industry
- Government statutory compliance



Purpose

EPC services in oil and Gas Sector.
We specialize Design and DetailEngineering services for Oil and Gas.



Vision

To be a one stop destination for complete engineering solutions for Oil & Gas Industry



Mission

Our mission is to provide innovative, skillful engineering services in industry with deep industry knowledge and skillful engineering resources in timely manner and at cost effective price.



As-built Services & 2D/3D modelling

- 2D/3D Cad Services
 - 2D Drawing preparation
 - 2D to 3D Model conversion
 - Extraction of 2D drawings from 3D Models
 - Intelligent P&ID conversion
 - Primitive and Intelligent 3D Modeling
 - Digitizing of paper archives to CAD drawings
-
- **Data Gathering, Consolidation, Optimization & Analysis**
 - **Engineering Review & Mark-up**
 - **Drawing updating & standardization.**
 - **Updating of P&ID's and Asset Registers**

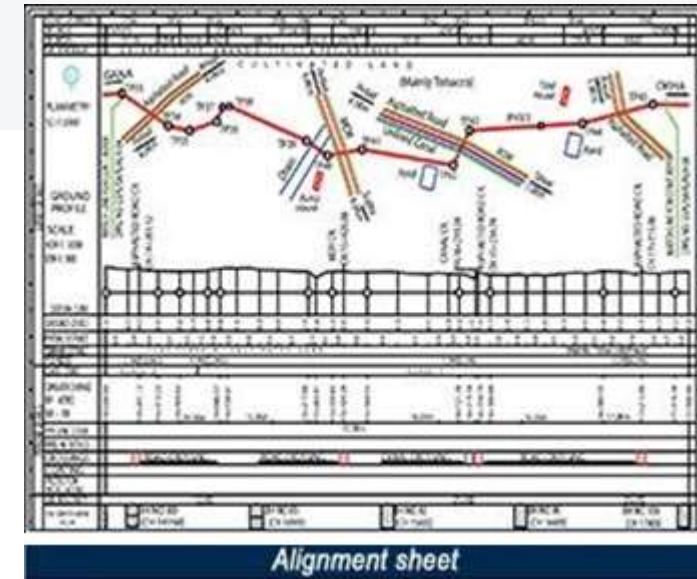
Laser Scanning & 3D modelling

- 3D Laser scanning for new Platforms or Vendor Packages
- As-built Data Collection for brown field retrofit projects to ensure a clash free design
- 3D Laser Scanning for the production of As-built Intelligent 3D models
- Facility data capture for the implementation and updating of Engineering Asset Management Systems
- Dimensional Control
- Data processing, clash detection, & Point Cloud Viewing
- Export to CAD platforms including AutoCAD, Micro station,
- Software's used - PDMS, PDS, Smartplant, & AutoPlant
- Conversion into geometric or fully intelligent 3D models

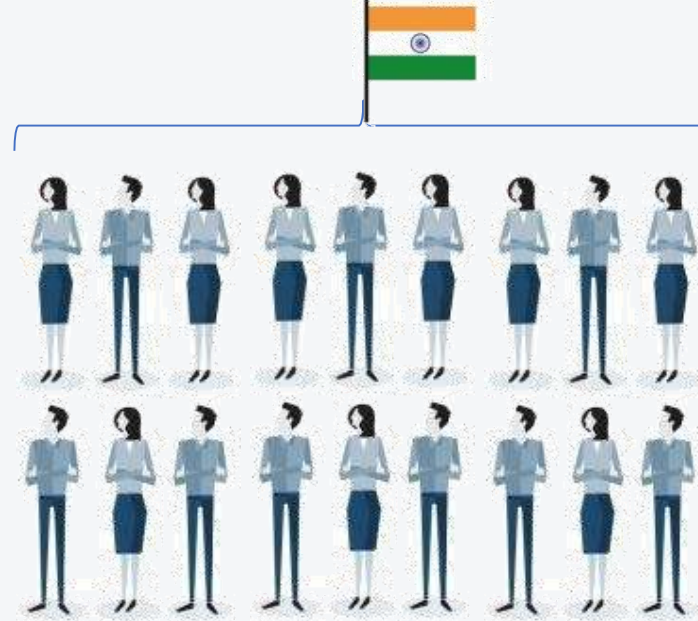


CGD Pipeline Project: Bangalore

- Preparation of Alignment Sheets
- Preparation of Pipeline Drawings
- Preparation of Route Map and survey drawings
- Design Engineering Calculations for pipeline project
- Preparation of all types of Civil/ UG/Road/Railway/Electrical Cable crossing drawings



DTX Operational Model



Key-team
Deployed Close to you

Execution to India
After requirements are clear

Efforts Reduction
Up to 40 to 45 % (Efforts & Cost)

Projects DTX with Customer Appreciations

For Oil & Gas - Upstream, Midstream, Downstream Facilities :
**CRUDE GATHERING SYSTEM, REFINERY PROCESS SYSTEM,
AS-BUILT ENGINEERING, DETAIL ENGINEERING**

For Biotech Facility - Animal Vaccination Facility :
BLACK AND CLEAN UTILITIES

For Pharma Facilities :
PROCESS PIPING AND UTILITY SYSTEMS

For Dairy Facilities :
PROCESS PIPING AND UTILITY SYSTEMS

For Fruit & Vegetable Pulp Extraction Plant :
PROCESS PIPING AND UTILITY SYSTEMS

For Process Industry :
PROCESS PIPING AND UTILITY SYSTEMS

For Marine sector :
UTILITY PIPING AND COMPARTMENT PIPING

For Nuclear Sector :
PROCESS PIPING AND UTILITY PIPING

For Power Plants :
FABRICATION DRAWINGS OF OIL STORAGE TANKS/ EQUIPMENTS

For Mining & Mineral Processing :
CAD CONVERSION JOB FROM AUTOCAD TO MICROSTATION

For City Gas Distribution:
PIPE LINE AS-BUILT DRAWINGS FOR BANGALORE CGD PROJECT



HORIZON ENGINEERING & TECHNICAL SERVICES LLC



WorleyParsons
resources & energy

Process Plants | Oil & Gas | Energy Sector

Thank You...

Design Technix
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