
Dynamic
PLANT DESIGN
Safety – Quality - Efficinecy

Mission Statement

To provide and sustain a level of excellence and high standards that meet and exceed our client's expectations in an innovative, cost effective, and professional manner.



Our Experience

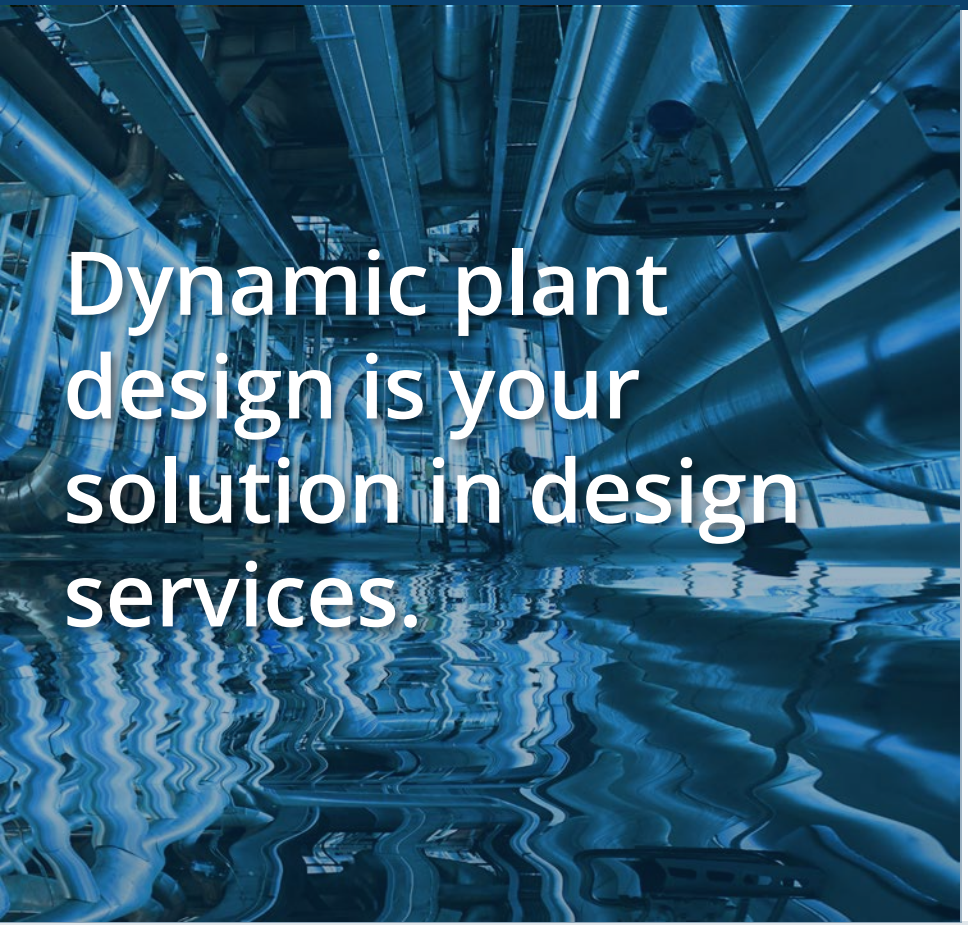


We have been involved in every stage of a project's lifecycle.

Our experience comes from working for various engineering firms and petrochemical companies. Such as KBR, Worley Parsons, Kinder Morgan, Lyondell, Valero, Enterprise, Marathon, BP, Exxon, ARCO, DuPont, Shell, Oxy, Solvay, INEOS, and Chevron.

We have experience with Pipelines, Petrochemical and Offshore Facilities.

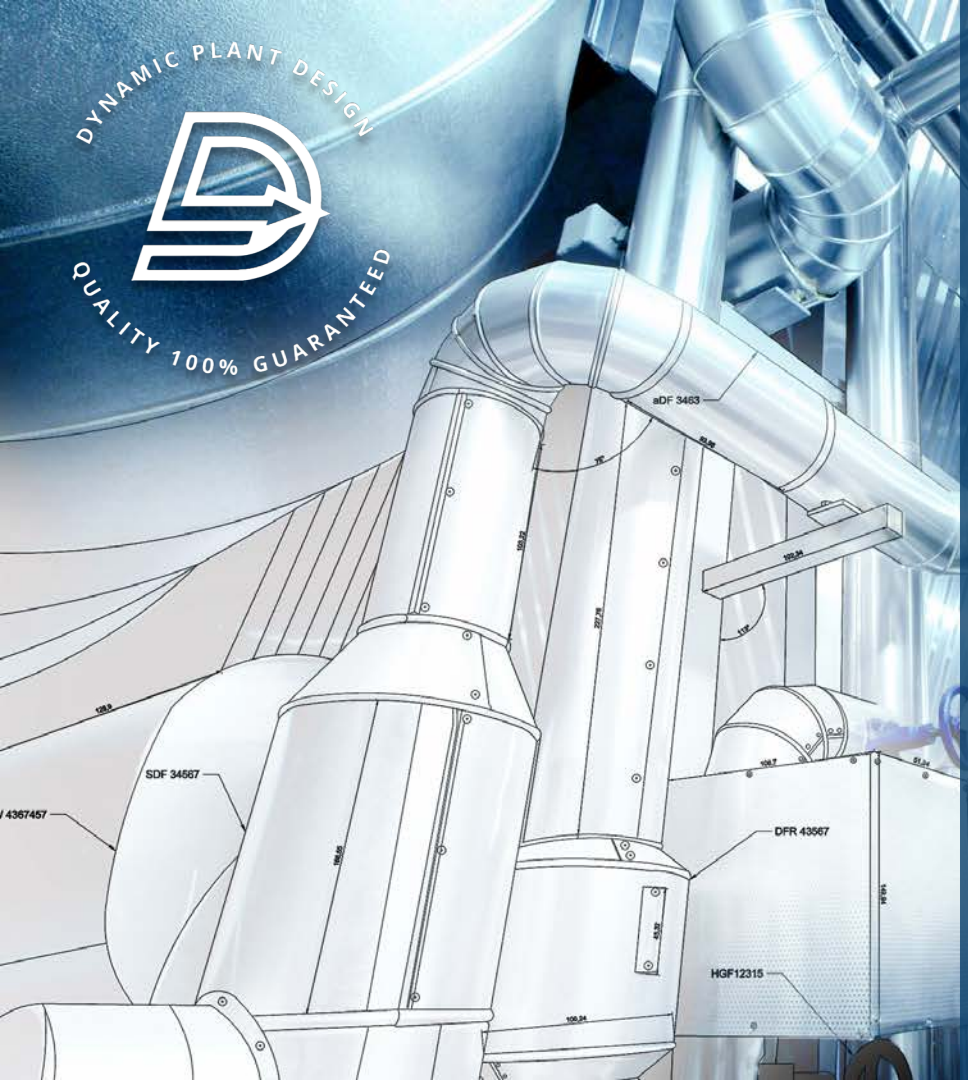
About us



- We are a Process Plant Design Firm.
- We also staff and recruit qualified Engineering oil and gas professionals.

We serve a wide variety of industries.

We focus on providing cost efficient, quality design packages without the overhead and high cost associated with larger firms, without compromising quality and safety.



We have experience in:

- Revamps / Turnarounds
- Plant Expansion Projects
- Modifications
- Capital Projects.

We have performed work in multiple areas of petrochemical facilities such as:

- Processing units
- Tank farms
- Ship docks
- Pipelines
- Truck, and Rail Car loading docks

We have also successfully staffed very highly qualified oil and gas professionals providing HR, payroll, and legal administrative tasks.

In the past 5 years we have worked on projects with an approx. total of:
— $20,000,000 in TIC.



Our Services

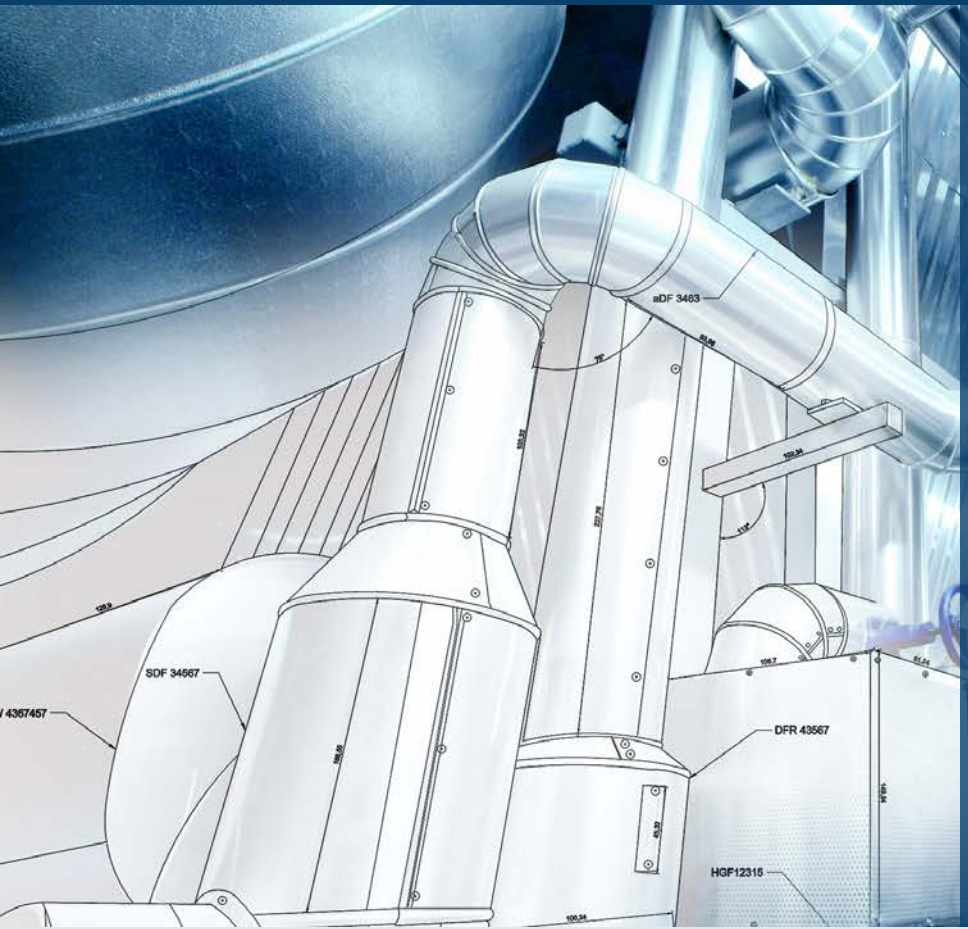
How we can be of value in helping you accomplish your business goals.

Services



- 1. Process Plant Layout &Design.
- 2. Oil and Gas Professionals Staffing and Recruiting.

Process Plant Layout & Design



- Process Facilities Layout Equipment Arrangement
- 3D Process Piping Design Per ASME B31.3.
- Civil Structural Design (Foundations, Unit Structures, Pipe Racks & Access Platforms)
- Instrumentation & Electrical Design
- Modular Process Skid Design
- Vessel design (Access Platforms, Nozzle orientation, Skirts & legs)
- Field As builds (Mechanical, Piping, Structural, Instrumentation & Electrical)
- Construction & Design Management.
- P&ID Walkdowns & CAD updates .
- Field Troubleshooting.
- Construction Follow-up.
- Pipe Spool Fabrication follow-up.
- Laser scanning.
- Point Cloud Registration / Mending and Export to Recap.

Piping Deliverables



- Line, Instrumentation, Tie-in, Equipment, Specialty Items, and Drawing list.
- Updated P&ID's.
- General Arrangement Plot Plans, Piping Isometrics, Demolition Packages.
- Spool Drawings (if required).
- Plans and Sections (Orthographic Projections).
- Overall Project Bill of Materials.
- Piping Software Specifications.
- 3D Cad Models (Plant 3D).
- 3D Render Models (Navisworks).

Civil Structural Deliverables



- Single Line Structural Drawings (Plan & Elevation).
- Pipe & Equipment Support Plans, Sections & Details.
- Structural Steel Detailing Shop Drawings.
- Shop Bolt Lists, Field Bolt Lists, Material Summary.
- Foundation Details, location plans & Sections.
- Auger Pile Location Plan & Details.
- Rebar Detailing Drawings, Reinforcing plans.
- Tank Platform clip Plans & Details.
- Base Plate, Anchoring, Equipment Walkway, Handrail, Splicing details.
- Grating Details .

Electrical Design Deliverables



- One-Line Diagrams
- Motor Control Schematics
- MCC Plan & Elevations
- Conduit Plans & Details
- Underground Duct Banks
- Cable tray Design
- Heat Tracing
- Electrical Grounding
- Area Lighting
- Conduit & Cable Schedules

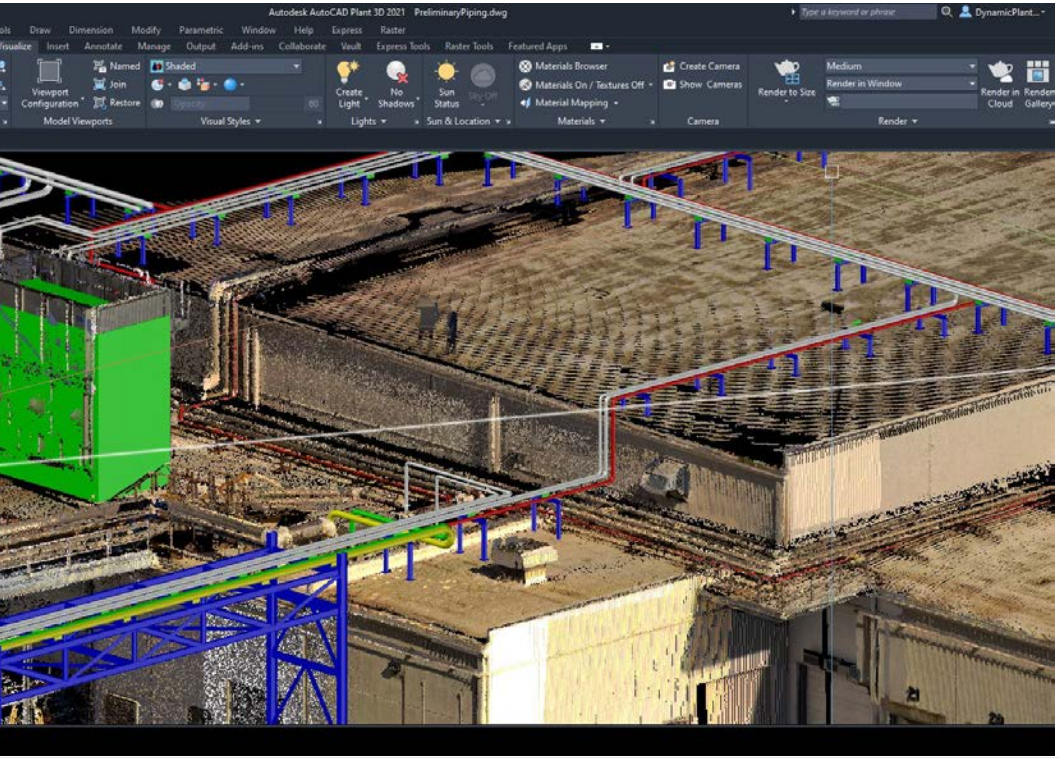
Instrumentation Deliverables



- P&ID Preparation & As-Built
- Instrument List
- Instrument Loop Diagrams
- Instrument Plans
- Marshalling Panel & Field Junction Boxes
- Instrument Installation Details
- Instrument Data Sheets

Tools and Software

We use a wide array of the latest technology and software tools; we have extensive project experience using:



AUTODESK

FARO

AUTOCAD

AUTODESK ADVANCE STEEL

AUTODESK REVIT

NAVISWORKS

As-Built™ for AutoCAD® Software

Bentley

HEXAGON

CADWorx® Plant Design Suite

MicroStation



- Autocad 2021
- Advance Steel
- CadWorx
- Plant 3D
- Microstation
- Revit
- Recap
- Navisworks
- Caesar
- Bently AutoPlant
- Faro As-Built (Kubit)
- Faro laser scanner

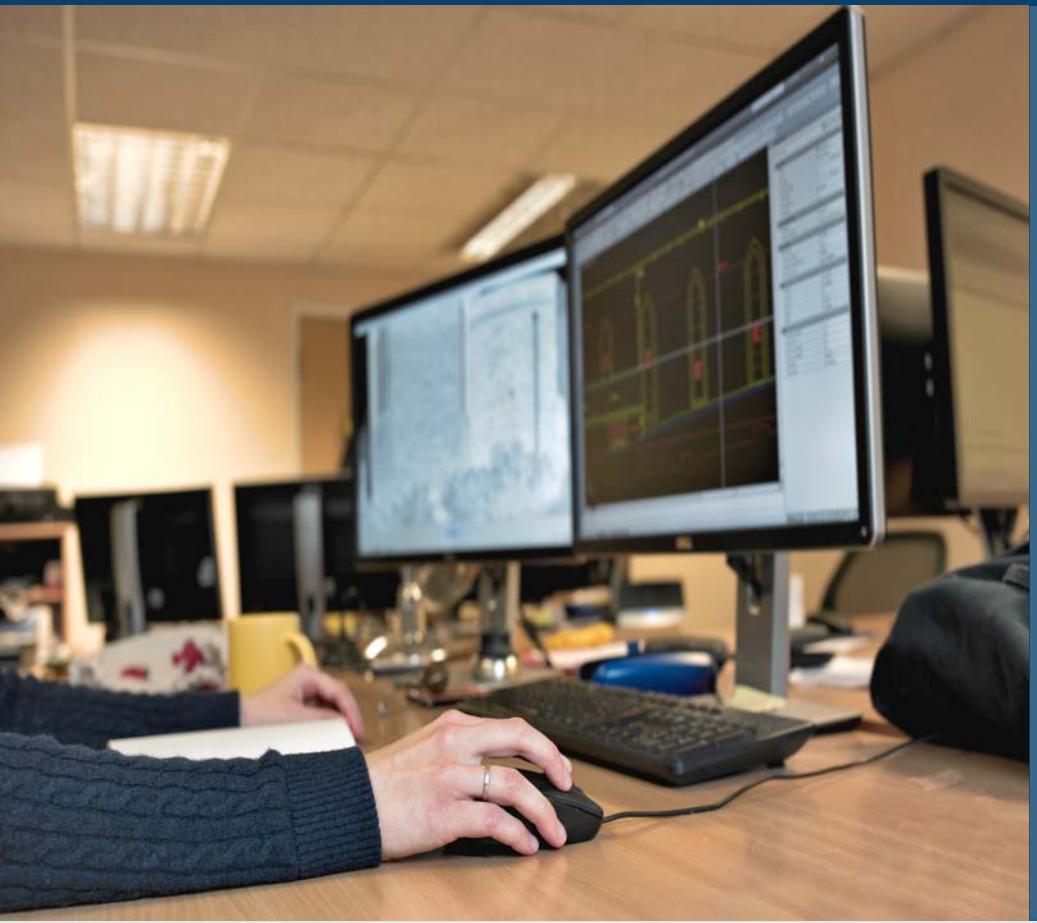
Oil and Gas Professionals Staffing and Recruiting

Dynamic PLANT DESIGN



- Advertise and network for the position job boards and social media.
- Respond to applicants by emails and phone calls many of which are unqualified
- Sift through all the applications and resumes to narrow down (short list) your candidates.
- Bring them each in for an interview and then narrow down the field some more bring them in for a second or maybe even a third interview.
- Reference checks, background checks, drug testing, integrity testing, workplace conduct training.
- Searching for passive and active candidates.
- Manage CRM and ATS software.
- Nurture candidates in the pipeline.
- Screening sourced candidates.
- Communicating job details to potential candidates.
- Carrying out negotiations (talking about salary, benefits, etc.)
- And then finally select the candidate.

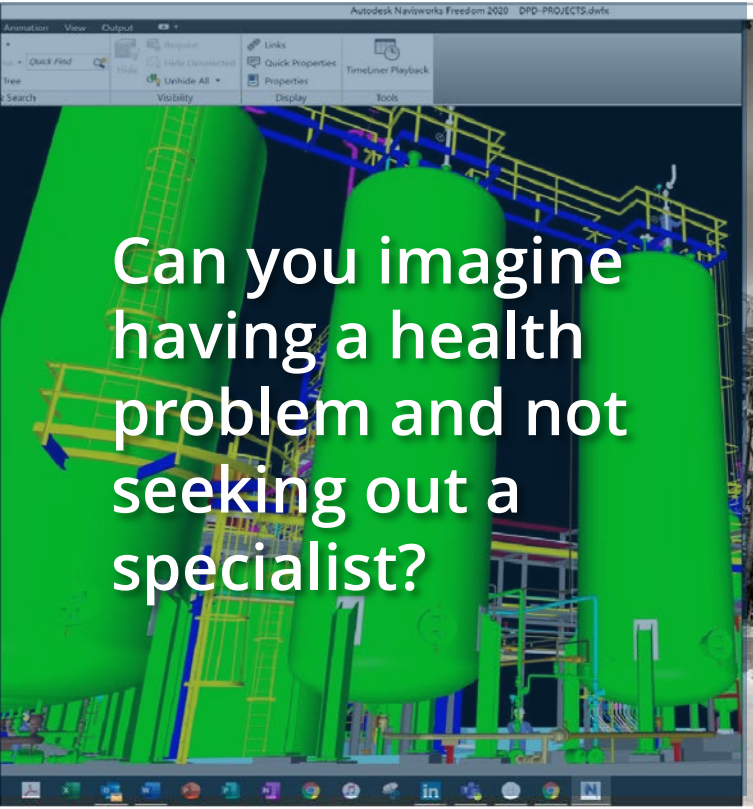
How you benefit



How we can be of value to your organization?

- Reduced payroll and administration. Burden.
- Federal and state employer-related laws and regulations.
- Reduced liability.
- Access to seasoned HR professionals.
- Health Care coverage, Medical, Dental , Vision
- Freedom to focus on core business issues.

Niche Recruiting Generalist vs. Specialist:





- Specialists can take an organization, to the next level by building out strategically critical areas and further developing competitive advantages.
- Specialists know the ins and outs of their specialty.
- We are immersed in a specific community .
- We are more likely to know where to find niche communities of talent.
- We have a good idea of where those candidates hang-out, and how to approach them.
- We have been in the business for over 25 years, we specialize in this field we have experience in all phases and disciplines of engineering and design.
- And the best feature yet is that there is now extra cost, you get all that extra for free just by doing business with us.

Staff Specializations

Our experienced recruiters have strong working relationships with companies of all sizes across the oil and gas industry.



Engineering

- Chemical
- Civil
- Electrical
- Environmental/safety
- Industrial
- Instrumentation
- Mechanical
- Petroleum
- Process
- Reliability
- Structural
- Systems control



Design

- CAD software administrators
- Instrument and electrical designers
- Piping designers
- Structural designers



Placement Types

- Temporary placements with option to hire.
- Temporary contract placements for long-term and special projects.
- Direct hires – all specialties.

If you would like to become more efficient, save time, money and greatly **reduce risk**...



...give Dynamic a try!

We thank you for your attention.

We are looking forward to working with you and contribute to the success of your business objectives.



Office location

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