

Mission

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.

Vision

To be widely recognized with our customers for our continuing commitment to customer service and client satisfaction. Through value, knowledge, ethics, trust and friendship.

Focus

To be your single source for I&E Installation, piping fabrication, modification, and installation vendor of choice.

Explore how our team of engineering, procurement and construction can help with your project.

We believe strongly in safety first; safety is more than ensuring compliance with mandated work practices; it's a daily commitment that we make to work safely and be our brother's keeper.

We're committed to a zero-incident environment.



**Lead with Passion
Outperform Expectations
Deliver Results Responsibly**

1322 Space Park Dr.
Suite B 131
Houston, Tx. 77058

Office: (832) 746-1497
contact@pws-dynamic.com

www.pws-dynamic.com.com



Safety - Quality - Efficiency

ENGINEERING DPD

- Process Engineering
- Mechanical Engineering
- Electrical Engineering
- Instrumentation & Controls
- Civil Structural Engineering

Software

- CAESAR II
- STADD.Pro
- Chemstations
- Aspentech
- Aspen HYSYS
- AVEVA PEO/II Simulation

DESIGN

- Piping Design
- Civil Structural Design
- Instrumentation Design
- Electrical Design

Software

- Autocad 2024
- Advance steel
- Cadworx
- Plant 3D
- Recap
- Navisworks
- Bently AutoPlant
- Faro As-Built

ENGINEERING SUPPORT

- P&ID Walkdowns & Updates
- Field Troubleshooting
- Construction Follow-up
- Spool Fabrication Follow-up
- Drafting Support

LASER SCANNING

EQUIPMENT & SOFTWARE

- FARO FOCUS S70
- LEICA BLK2GO
- GNSS LEICA GS15
- GNSS TOPCON HYPER II
- LEICA & SOKKIA
- DJI M300 DRONE
- GVI LiAir V70 LIDAR
- LEICA CYCLONE
- AUTOCAD PLANT 3D
- REVIT
- RECAP
- NAVISWORKS

I&E PLANT SERVICES

ELECTRICAL / INSTRUMENTATION ANALYZER SERVICE

- Turnarounds
- Planning / Scheduling / Estimating
- Project management and controls
- I&E QA/AC and inspections
- Instrument and electrical maintenance
- CEMS maintenance
- Gas Chromatography
- Construction / Commissioning
- Analyzer Maintenance Support
- Instrument and electrical safety expertise

Electrical Expertise

- High and low voltage installation and testing
- Power and lighting Panels
- Cable tray and conduit installations
- MCCs and Switchgears
- Electrical equipment installation
- Heat tracing installation
- Grounding

Instrumentation Expertise

- Instrumentation Installation
- Instrumentation calibration
- Loop check and start-up
- Control panel and DCS/PLC Installation and testing
- Analyzer installation and testing

Communications and Controls

- Fiber Installation, Termination, and testing
- Remote Telecommunications
- SCADA and Automation
- Disaster Recovery

MECHANICAL PLANT SERVICES

PIPE SPOOL FABRICATION

PWS-D delivers prefabricated piping on schedule, precise, to specification and ASME codes. With a rigorous QA / QC standard and streamlined production system that guarantees your spools will be delivered on time.

QA / QC MAnnual

- Activity Reports
- Inspection Test Plan
- Materials Test Reports
- Welding Procedures & Specifications
- Welding Procedure Qualification Records
- Welder's continuity log
- Weld Maps
- Toque Wrench Certifications
- Flange Maps
- Flange Logs

NDE

- Liquid Penetration Procedures
- Radiography Reports
- Ultrasonic Reports
- Hydrostatic Test Procedures
- Hydrostatic Test Reports

MECHANICAL PLANT SERVICES

- Pipe and Steel Installation
- Detailed Planning
- Project Scheduling
- Manpower loading
- Procurement
- Cost Control
- Pipe Spool Fabrication & Tracking
- Fabricated Equipment Tracking
- Steel Fabrication Tracking
- Coating Tracking
- Progress Reports
- Systems Turnover

PROCUREMENT

An effective procurement plan can result in considerable cost reductions, better supplier relationships, better contractual terms and conditions, and more efficient processes.

- Pipe, Fittings, Valves, Hardware
- Spring Supports
- Specialty Items
- Instrumentation, Tubing
- Control Valves
- Electrical Components, Cables, Cable Trays
- Electrical Equipment
- Mechanical Equipment
- Pressure Vessels
- Structural Steel
- Rental Equipment & Tools
- Construction Consumables
- Subcontractor Alliances

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