



PetroPhoenix

Engineering Solutions Pvt. Ltd.

DEPUTATION SERVICE

- Skilled, Experienced Engineers and Designers at Client's facility on short and long term.
- Complete project team at client office.

Clients



Providing Engineering Solutions For
 Oil And Gas - upstream & Downstream (Offshore / Onshore)
 Petrochemical
 Refineries
 Power
 Water Treatment
 Minerals & Metals

CONTACT DETAILS

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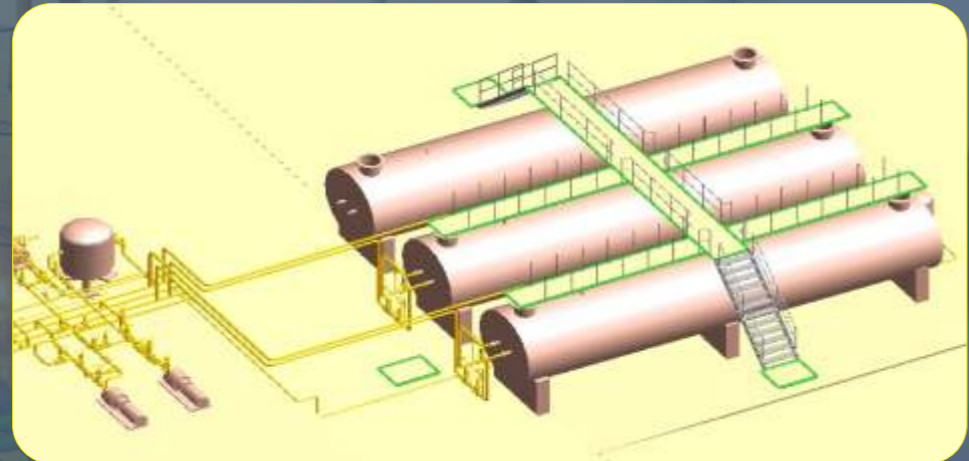


ABOUT US

- PetroPhoenix Engineering Solutions Pvt Ltd (PES) is providing Engineering services to Oil and Gas, Petrochemical, Refineries, Power, Water, Minerals and Metals Industry.
- The Directors and Associates of PES have wide range of experience in Engineering and Procurement. PES is a rapidly growing, multicultural company maintaining consistent relationships with its Customers, Employees and Suppliers.

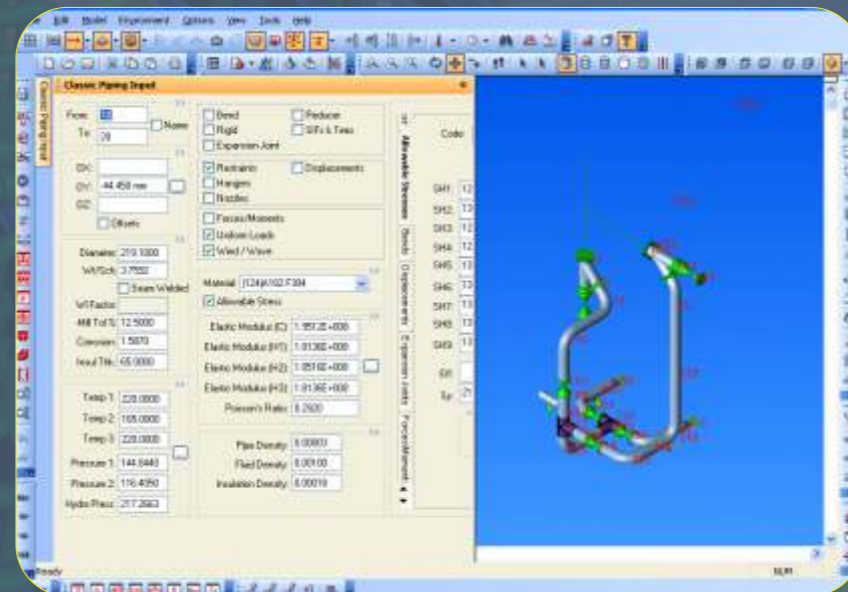
OUR VALUES

- HSE Commitment
- Quality
- Cost
- Schedule
- Customer Drive
- Value Addition



DOMAIN SERVICES. (GREEN FIELD AND BROWN FIELD)

- Pre-bid and Proposal assistance
- Feasibility studies
- Concept / FEED / Basic Engineering
- FEED validations / Endorsements
- Multidiscipline detailed engineering & 3D PDMS Modeling
- Cold Eye Peer Reviews
- Procurement assistance
- As-Built Engineering
- Steel detailing
- Secondment Services

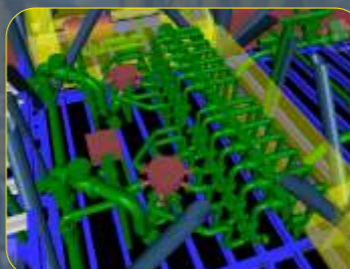
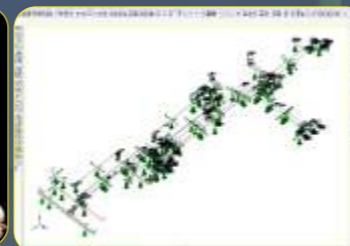
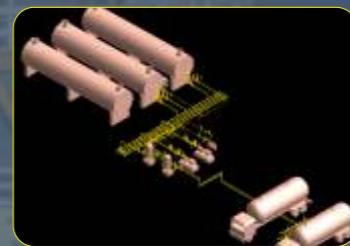


DISCIPLINE SERVICES PROCESS

- Process philosophies, procedures and charts.
- Heat and Mass Transfer Calculations
- Sizing Calculations
- PFD/UFD/P&IDs
- Network Analysis
- Process Data Sheets

PIPING

- Specifications and Standards
- Piping and Valve Material specifications
- Calculations and Stress Analysis (Metallic and Non Metallic)
- MTO's and Procurement Assistance
- Layouts
- Isometrics with BOMs
- 3D Modeling and Related deliverables.



PIPELINES

- Specifications
- Calculations, Analysis and Reports
- All Drawings
- Procurement Assistance
- Installation Engineering
- Project Management Activities
- Subsea Pipeline Repair Consultancy Services
- Inspection, Maintenance & Repair consultancy

MECHANICAL

- Specifications and Data sheets
- Procurement Assistance
- Material Handling study and Reports
- Static Equipment Design and Drawings

PACKAGE ENGINEERING

- Development of concept design
- Multidisciplinary Detailed Engineering
- Procurement support

STRUCTURAL

OFFSHORE FIXED AND FLOATING STRUCTURES

Jacket/Deck/Module Design

- Structural Analysis and Design Drawings / 3D Modeling
- Design Basis, Specifications, Weight Control Reports, Bulk MTO
- Miscellaneous Structural Design
- Re-assessment of structures

Foundation Design

- Review of Geo-Technical Report & Data, Pile Sizing & Optimization, Pile Drivability Analysis
- On-bottom Stability, Mud mat Analysis, Design of Anchor Piles, Drilled & Grouted Piles

ONSHORE CIVIL/STRUCTURE

- Analysis and Design Drawings / 3D Modeling
- Design Basis, Specifications, Bulk MTO
- Miscellaneous Design
- Re-assessments.

INSTRUMENTATION

- Specifications, Philosophies and Standards
- Detailed Execution Drawings and Diagrams
- Interface drawings
- Data sheets
- MTO and Procurement Assistance

ELECTRICAL

- Specifications, Philosophies and Standards
- Detailed Execution Drawings
- Area classification drawings
- Data sheets
- MTO and Procurement Assistance

OTHER SERVICES.

- 3D PDMS Administration services (Specs and Catalogues)
- 3D Modelling using PDMS and extraction of deliverables.
- Piping stress analysis and Reports using Autopipe and Caesar II.
- Procurement Engineering assistance.(data sheets,RFQ, Vendor evaluation etc)
- As Building (2D to 3D, manual to 2D/3D, Drafting assistance, Asbuilt survey etc)
- Process Engineering assistance.
- Steel Detailing using TEKLA
- Any other client specific services

