



PRINCETECH  
ENGINEERING SERVICES

**ENGINEERING THE FUTURE:  
WHERE INNOVATION MEETS  
EXCELLENCE**

## WHO WE ARE

Welcome to Princetech Engineering Services (PES), your premier partner for expert engineering and construction solutions worldwide. Specializing in both greenfield and brownfield industrial projects, we bring unparalleled technical prowess to every endeavor.

Founded in 2019 as an OPC (One Person Company), PES began its odyssey with a clear vision to redefine the standards of plant engineering. Armed with passion and expertise, we quickly established ourselves as industry pioneers, delivering innovative solutions tailored to our clients' unique needs.

As our reputation soared and our clientele expanded, it became apparent that we needed a more robust organizational structure to fuel our ambitions. In 2024 we embarked on a transformative journey, transitioning from an OPC to a Private Limited company.

## CONTACT US

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# OUR SERVICES



- **SITE MASTER LAYOUT PLANNING**
- **CONCEPT DESIGN**
- **FRONT END ENGINEERING DESIGN**
- **SCAN TO BIM**
- **SKID DESIGN**
- **MEP BIM**
- **3D MODELING SERVICES**
- **CAD DRAFTING SERVICE**
- **SOFTWARE DEVELOPMENT & TRAINING**
- **MANPOWER SUPPLY**
- **PLANT ENGINEERING**
- **MECHANICAL AND PIPING DESIGN**

- EQUIPMENT DESIGN (TANK, PRESSURE VESSEL AND HEAT EXCHANGER)
- EQUIPMENT LAYOUT
- PACKAGING DESIGN
- PIPING LAYOUT
- PIPING MATERIAL SPECIFICATIONS
- PIPE SUPPORT LAYOUT AND DETAILED DRAWING
- PIPING SPOOL DRAWINGS AND ISOMETRIC
- STRESS ANALYSIS
- PIPING AS-BUILT DRAWINGS
- PIPING 3D MODEL
- PIPING BOM
- PHYSICAL ASSET VERIFICATION OF PLANT

## • **HVAC & FIRE PROTECTION DESIGN**

- HEATING AND COOLING SYSTEM DESIGN
- LOAD CALCULATION AND EQUIPMENT SIZING
- DUCTWORK DESIGN
- AIRFLOW DIAGRAM
- FIRE SUPPRESSION SYSTEMS
- FIRE DETECTION AND ALARM SYSTEMS
- FIRE PUMP ROOM DESIGN

## • **INSTRUMENT AND CONTROL DESIGN**

- INSTRUMENT DESIGN AND SPECIFICATION
- INSTRUMENT LOCATION PLAN

## • **CIVIL AND STRUCTURAL DESIGN**

- STEEL STRUCTURE DESIGN
- RCC STRUCTURE DESIGN
- STRUCTURE 3D MODEL
- EQUIPMENT FOUNDATION AND PIPE RACK DESIGN
- STRUCTURAL FABRICATION DRAWINGS
- STRUCTURAL ANALYSIS

## • **PROCESS ENGINEERING DESIGN**

- INTELLIGENT P& ID DIAGRAMS
- LINE LIST
- EQUIPMENT LIST
- VALVE LIST

## • **ELECTRICAL DESIGN**

- CABLE TRAY DESIGN AND LAYOUT
- LIGHTING DESIGN AND LAYOUT
- EARTHING LAYOUT
- CABLE DIAGRAM

# INDUSTRY SERVED



Chemicals

Oil & Gas

Food & Dairy

Beverage



Petrochemicals

Metals & Minerals

Pharmaceuticals

Wastewater Treatment



Green Energy



Power Industry

Utility

Telecom

Manufacturing

# OUR OFFICES

2070 GRAND BIRCHLN, WOODBURY MN,USA

2ND FLOOR, BANK OF BARODA, KALWAR ROAD, KANTA CHAURAHA, JHOTWARA, JAIPUR (RAJ.)

4TH FLOOR, EARTH EON, OPP. URMI SCHOOL, SAMA SAVLI ROAD, VADODARA, GUJARAT

# SOFTWARE USED

