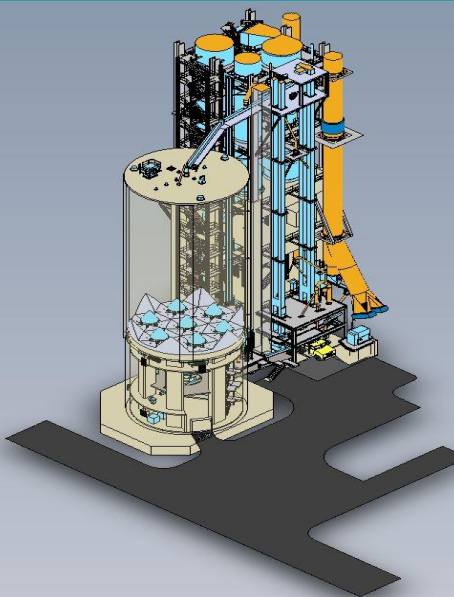


# Engineering Flyer

## Engineering Business Unit

- Introduction
- Engineering Capabilities
- Domain Specific
- Quality Policy
- Quality Objectives
- Facilities
- Service at a Glance
- Resources



## Accuspeed Engineering Services India Private Limited

### Introduction

- ❖ Accuspeed Engineering Services India Private Limited is a multi-disciplinary Engineering services company. Incorporated in 1999 and based in Chennai (India).
- ❖ Accuspeed is ISO 9001:2015 Certified Company
- ❖ Accuspeed has 2 BUs: Engineering & TechEngine
- ❖ Our Engineering BU provides Design & Detail Engineering, Procurement, Construction and Commissioning.
- ❖ Verticals: Oil & Gas, Refinery Petrochemical, Fertilizer, Chemical, Power, Cement and Utility plants.
- ❖ Endowed with rich experience and valuable functional knowledge, we handle projects in a comprehensive manner.

### Engineering Capabilities

- ❖ We have well trained & experienced engineers, designers & draftsmen.

- ❖ We offer design & detailed engineering services for process, piping, civil & structural, mechanical, electrical and Instrumentation & Automation.
- ❖ We adapt engineering methods in line with the International standards.

### Domain Specific

- ❖ Process: Oil & Gas, Refinery & Petrochemicals Fertilizer & Pipeline
- ❖ Power: Thermal, Hydro, Wind & Biomass
- ❖ Auxiliary: Water treatment & Sewage

### Quality Policy

- ❖ Maintain High Quality Standards enabling deliveries that exceed our Client expectations



# Engineering Flyer

- ❖ Involve our Employees for continuous QMS improvements based on agile & lean principles
- ❖ Implement appropriate processes to address any risks & opportunities

## Facilities

- ❖ Equipped with workstations, Servers, Firewall & Data backup .
- ❖ Engineering software: Revit, 3Ds Max, STAADPRO, E-TAP, AutoCAD & Micro Station.
- ❖ FTP access to Clients with high speed internet connection.
- ❖ Secured cloud base e-mail and communication facility.

## Service at a Glance

- ❖ Project management
- ❖ Design & detailing
- ❖ Procurement
- ❖ Construction
- ❖ Testing & commissioning
- ❖ As-built



- ❖ Revamp engineering
- ❖ 3D Architectural
- ❖ On-site resources
- ❖ Reverse engineering

## Resources

- ❖ Discipline Heads
- ❖ Engineering Manager
- ❖ Lead Engineers
- ❖ Engineers
- ❖ Designers & Draftsmen

## Mechanical

- ❖ Specification & data sheets for plant equipment (Static / Dynamic)
- ❖ Plant general layout
- ❖ Procurement assistance
- ❖ Vendor drawing review / approval

## Electrical

- ❖ Single line diagram
- ❖ Specification & data sheet
- ❖ Schedule – cables, Interconnection, etc.
- ❖ Layouts- cable routing, earthing, lighting, etc.
- ❖ Short circuit studies
- ❖ Relay co-ordinations

## Civil & structural


- ❖ Plot plan & Layouts
- ❖ Calculations – concrete structures, beams, etc.
- ❖ Concrete structures and supports
- ❖ Specification & data sheets
- ❖ Architectural visualization in 3D
- ❖ Panoramic views in 360°

## Piping

- ❖ Schematic flow diagram and P&ID
- ❖ Piping layout & Isometric drawing
- ❖ Stress analysis & support drawing
- ❖ BOQ / MTO

## Instrumentation

- ❖ Instrumentation layout drawings
- ❖ Hookup drawings
- ❖ Loop diagrams
- ❖ Instrument datasheet
- ❖ Instrument power distribution scheme
- ❖ Trip & interlock schemes
- ❖ Field instruments
- ❖ Water analyzers
- ❖ DCS & MaxDNA DCS
- ❖ PLC

 Jamals Chambers 4<sup>th</sup> Flr,  
49 (old # 26) Mount Road  
Saidapet, Chennai 600 015,  
Tamil Nadu, India

 +91 44 4958 3211

 sales@accuspeed.in

 www.accuspeed.in