

Accuspeed Engineering Services India Private Limited

Engineering Flyer

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Introduction

- ❖ Accuspeed Engineering Services India Private Limited is a multidisciplinary 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
- ❖ Involve our Employees for continuous QMS improvements based on agile & lean principles
- ❖ Implement appropriate processes to address any risks & opportunities



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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
- ❖ AC and DC control schematic, Logical Diagrams
- ❖ Wiring diagram preparation
- ❖ Specification & data sheet
- ❖ Schedule – cables, Interconnection, etc.
- ❖ Layouts - cable routing, earthing, lighting, etc.
- ❖ Short circuit studies
- ❖ Relav 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 & Loop drawings
- ❖ Instrument datasheet
- ❖ Instrument power distribution scheme
- ❖ Trip & interlock schemes
- ❖ Field instruments
- ❖ Water analyzers
- ❖ DCS & MaxDNA DCS
- ❖ PLC

Automobile

- ❖ Design very precise 3D objects
- ❖ Develop products
- ❖ Maintain a library of 3D files
- ❖ 2D drawings
- ❖ Images and animations of 3D objects.
- ❖ Estimate the manufacturing cost of 3D objects

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