

COMPANY PROFILE



AKSHA
Engineering & Consultancy
STRUCTURAL ENGINEERING



ABOUT US

Aksha Engineering & Consultancy is a consulting enterprise established in early 2013, promotes specialized range of technical services in the field of Structural Engineering. We are specialized in Analysis, Design and Detailing of Oil & Gas and Petrochemical structure. Persistently working toward continuous improvement, and stretching our potential, we have succeeded in delivering results to our clients specific requirements and cater to addressing them in the most effective and efficient manner. We have an impressive portfolio of major industrial structures ranging from reactor structures, technological structures, pipe-racks, FAR-Blast resistant structures, central control room, pump & compressor foundations, major equipment foundations, stacks, workshops, warehouses, sheds, substations and various administrative buildings in India and other parts of the world.

The firm is committed to providing professional engineering services to meet the diversified requirements of its clients in the private as well as governmental sectors.

Our office is located in Baner, one of the fastest growing business areas of Pune, India. We are a team of 15 members having 6 to 20 years of experience. The wide range of capabilities, disciplines and services which we possess are fundamentally based on qualitative and quantitative approach and pro-actively delivering results and solutions. We do this by giving our people the responsibility and opportunity to make unique difference in the industry.



OUR VISION

To be a global player in the provision of innovative engineering services and solutions, and give our clients solutions that adds value to their operations and gives them a competitive edge.

OUR MISSION

Aksha E&C takes a partnership approach to help promote sustainable and economic growth of industry. Through our professional expertise we guide and support our clients to build a better world. We work tirelessly to ensure that our projects are mutually successful for all and endeavour to forge relationships that stand the test of time. Our work allows our clients to innovatively provide products and services to clients around the world safer, faster, cleaner and more economically than ever before.

SERVICES

Aksha Engineering & Consultancy provides a diverse and wide range of consultancy services in Oil, Gas and Petrochemical sector, Metal, Power, Pharmaceutical, Fertilizer, Solar and lots more.

Structural Analysis:

- Finite element analysis
- Fatigue Analysis
- Blast Analysis
- Seismic and dynamic analysis
- Vibration analysis
- Non-linear analysis
- Plastic analysis
- Wave Load Analysis
- Sea-Transportation, Road-Transportation Analysis.
- Load-out analysis
- Lifting analysis



CODES AND TOOLS

Design Codes:

- American
- Euro Codes
- Indian Codes
- DNV
- Noble Denton
- Norsok

Analysis Packages:

- STAAD-Pro
- SACS

3D Modelling tools:

- PDMS
- Tekla

2D Drafting tools:

- PDMS-Draft
- CAD
- Tekla



MAJOR PROJECTS

OIL AND GAS – ONSHORE

- G + 1 Blast Resistant Building
- Heater Structure – 45 m tall
- Connection Design – Euro code / Indian code
- Stack – 55 m derrick supported
- Bio Diesel plant
- SRU process plant structure
- Vibration analysis of Blower package
- Distillation Package Structures
- Oil Water separator process structure
- Dryer Plant
- Hyderabad Airport Tank Farm Expansion
- Lube Oil refining plant structures
- Feed engineering of process areas – Barauni refinery
- Feed engineering of OSBL racks – Barauni refinery
- Detail engineering of OSBL racks – Barauni refinery

OIL AND GAS – OFFSHORE

- MEG Module
- Compressor Skid
- Oil Water Separator Skid
- Sand Handling Module
- Jacket handling & lifting during fabrication



CLIENTS

- L&T Hydrocarbon Engineering limited
- Toyo Engineering India Private Limited
- Tecnimont ICB Pvt. Ltd, Mumbai, India
- Worley, Thane, India.
- Tata Consulting Engineers Limited (TCE), India
- Prosernat Petrochem, Paris, France.
- Heurtey Petrochem India Private Ltd, Mumbai, India
- Frames Process And Energy System India
- Dangote Oil Refining Company Limited, West Africa.
- Artson Engineering Limited (AEL)
- Gardner Denver Nash LLC
- Sulzer India Private Limited
- Praj Industries Limited
- Sequoia Energy and Environment Pvt. Ltd.



CONTACT DETAILS

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