S A Engineering & Fabrication

Engineering today for a stronger tomorrow



MANUFACTURING PROCESS EQUIPMENT FOR A STRONGER INDUSTRIAL TOMORROW

Design | Fabrication | Quality | Reliability

- Custom Manufacturing
- Quality Assurance
- Experienced Team
- Modern Infrastructure
- Safety First
- Long Term Partnership

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ABOUT US

SA Engineering & Fabrication is a leading manufacturer of high quality process equipment, storage tanks, reactors, heat exchangers and customized fabrication solutions for Chemical, Pharmaceutical, Agrochemical, Food, Dairy and allied industries. We focus on precision manufacturing, strong quality control and timely delivery to meet our clients' requirements.

OUR VISION

To be a trusted partner in industrial process equipment manufacturing with a focus on quality, innovation and customer satisfaction.

OUR MISSION

To deliver reliable and high-performance fabrication solutions through skilled people, advanced infrastructure and continuous improvement.

OUR VALUES

- Quality & Reliability
- Safety & Compliance
- Customer Focus
- Teamwork
- Integrity
- Continuous Growth

MANUFACTURING CAPABILITIES



Reactors (SS304 / SS316)



Storage Tanks (Upto 200 KL)



Mixing Tanks (With Agitator)



Pressure Vessels (Design as per Requirement)



Heat Exchangers & Condensers



Process Skids & Modules



Tray Dryer (Custom Design)



Centrifuge (Industrial)

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OUR PRODUCTS

CUSTOM MANUFACTURING AS PER YOUR REQUIREMENT



Reactors
(SS304 / SS316)



Storage Tanks
(Upto 200 KL)



Mixing Tanks
(With Agitator)



Pressure Vessels
(Design as per Requirement)



Heat Exchangers
& Condensers



Process Skids
(Piping & Instrumentation)



Tray Dryer
(Custom Design)



Centrifuge
(Industrial)



Process Columns
& Vessels



Structural Fabrication
(Platforms, Stairs, Supports)

INDUSTRIES WE SERVE



Pharmaceutical



Chemical



Agrochemical



Food & Beverage



Dairy



Fertilizer



Water & Effluent



Process Industry



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MANUFACTURING INFRASTRUCTURE


Fabrication Bay


Welding Section


Rolling Machine


Plate Cutting Machine


Drilling & Machhing


Polishing & Finishing


Assembly Area



Material Handling (15 Ton Crane)

OUR MANUFACTURING PROCESS

01	02	03	04	05	06	07	08
Engineering & Design	Material Procurement	Cutting & Forming	Fabrication & Welding	Finishing Compliance	Assembly & Testing	Inspection Compliance	Dispatch & Delivery

QUALITY ASSURANCE

- ☑ In-house Inspection & Testing
- ☑ Dimensional Accuracy Check
- ☑ Welding Procedures & Welder Qualification
- ☑ Material Traceability
- ☑ NDT (as required)
- ☑ Pressure & Hydro Testing (as required)
- ☑ Third Party Inspection (if required)
- ☑ Compliance with Client Specifications



OUR CERTIFICATIONS

ISO 9001:2015

GST Registered

Udyam Registered

PAN Registered

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MANUFACTURING MANAGEMENT SYSTEM CHART

Manufacturing First
Site Work Second

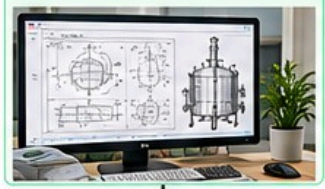
Owner / Management
(Overall Guidance, Planning, Finance, Client, Approval)

Manufacturing Head / Production Incharge
(Overall Manufacturing, Planning, Execution, Delivery)

Engineering & Design (Drawing & Planning)

Engineering System

1. Client Requirement Review
2. Process Design & Datasheet
3. GA & Fabrication Drawing
4. Material Specification (MOC)
5. Calculation (if required)
6. Drawing Approval (Client)
7. Revision Control



Material & Purchase (Procurement & Incoming)

Material System

1. Material Indent / RFQ
2. Purchase Order
3. Supplier Approval
4. Material Inward Inspection
5. Material Inward Register
6. Material Traceability (MTC)
7. Material Storage & Labelling
8. Stock Control & Reorder



Production Planning (Planning & Scheduling)

Planning System

1. Job Order Release
2. Work Breakdown (WBS)
3. Fabrication Schedule
4. Manpower & Machine Plan
5. Material Availability Check
6. Progress Monitoring
7. Daily & Weekly Review
8. Delivery Planning



Fabrication (Cutting, Forming, Welding & Assembly)

Fabrication System

1. Job Card / Work Order
2. Cutting & Fit-up
3. Welding (WPS & Welder Record)
4. Dimensional Check
5. Sub-Assembly & Assembly
6. In-process Inspection
7. Daily Fabrication Report
8. Manpower & Machine Utilization



Quality Control (Inspection & Testing)

Quality System

1. Incoming Material Inspection
2. In-process Inspection (IP)
3. Welding Inspection (WIR)
4. Dimensional Inspection
5. NDT Record (RT/UT/PT if required)
6. Hydro / Pneumatic Testing
7. Final Inspection & FAT (if required)
8. Inspection Report & Release



Surface Finish & Painting (Cleaning, Finishing, Packing)

Finishing System

1. Grinding & Surface Finish
2. Pickling / Passivation (SS)
3. Painting (if required)
4. Final Cleaning
5. Marking & Tagging
6. Packing & Protection
7. Ready for Dispatch Inspection
8. Packing List



Dispatch & Delivery (Logistics & Handover)

Dispatch System

1. Final Inspection Approval
2. Dispatch Document Preparation
3. Packing List & MTC
4. Transport Arrangement
5. Loading Report & Photos
6. Delivery to Client / Site
7. Dispatch Register
8. Client Acknowledgement



MANUFACTURING PROCESS FLOW

1. Engineering & Drawing



2. Raw Material Procurement



3. Material Inspection



4. Cutting & Forming



5. Fit-up & Welding



6. Assembly



7. Inspection & Testing



8. Surface Finish



9. Packing & Dispatch



KEY DOCUMENTS & FORMATS (MANUFACTURING)

- Enquiry & Quotation Format
- Drawing Approval Format
- Material Inward Register
- Job Card / Work Order
- Welding Inspection Report (WIR)
- Dimensional Inspection Report
- NDT Report (if required)
- Pressure Test Report
- Final Inspection Report
- Packing List
- Dispatch Register

Better Quality | On-Time Delivery | Cost Control | Client Satisfaction | Professional Image

Manufacturing First | Site Work Second

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SITE MANAGEMENT SYSTEM CHART

Manufacturing First
Site Work Second

Owner / Management
(Overall Guidance, Client, Finance, Approval)

Project / Site Incharge
(Overall Site Execution, Client Coordination)

Safety Incharge (Safety Implementation)

Safety System

1. Toolbox Talk (Daily)
2. PPE Checklist
3. Work Permit (Hot Work, Height Work, Lifting)
4. Safety Inspection
5. Incident / Near Miss Report
6. Fire Equipment Check
7. Safety Training Record



Supervisor (Manpower & Work Monitoring)

Manpower & Work System

1. Manpower Attendance
2. Daily Work Allocation
3. Work Progress Monitoring
4. Skilled / Unskilled Manpower
5. Overtime Record
6. Manpower Discipline
7. Uniform & ID Card
8. Next Day Work Planning



Store / Material Incharge (Material Control)

Material System

1. Material Inward Register
2. Material Outward Register
3. Material Issue to Work Front
4. Client Material Record (if applicable)
5. Material Consumption Report
6. Return Material Record
7. Stock Balance Report



Quality Incharge (Quality & Inspection)

Quality System

1. Drawing Approval
2. Inspection Request (IR)
3. Welding Inspection
4. Dimensional Check
5. NDT Record (as required)
6. Client Inspection & Approval
7. Quality Checklist
8. Test Reports (if applicable)



Site Engineer (Technical & Documentation)

Technical System

1. Approved Drawings at Site
2. Method Statement (if required)
3. Work Sequence Plan
4. Technical Clarification Record
5. As-Built Drawings
6. Daily Progress Report
7. Client Communication Record
8. Site Document Control



Client Coordination (Client Interface)

Client Reporting

1. Daily Progress Report
2. Site Photos
3. Manpower Deployment
4. Work Completed vs Plan
5. Pending Work / Issues
6. Required Approvals
7. Client Meeting Minutes
8. Project Status Report



DAILY SITE MANAGEMENT REPORTING FLOW

Safety Report
- Daily TBT Record
- PPE Compliance
- Work Permit Record
- Safety Inspection Report

Manpower Report
- Daily Attendance
- Work Progress
- Manpower Deployment
- Overtime Details

Material Report
- Material Inward/Outward
- Material Consumption
- Stock Balance
- Pending Material

Quality Report
- Inspection Request
- Welding & Dimensional Check
- Test Reports
- Client Approval Status

Progress Report
- Work Completed
- Work in Progress
- Next Day Plan
- Issues / Requirements

Client Update
- Daily Photos
- Progress Summary
- Manpower & Material Status
- Approval / Pending Points

IMPORTANT SITE DOCUMENTS & FORMATS

- Toolbox Talk Format
- Manpower Attendance Sheet
- Material Inward / Outward Register
- Daily Work Report (DWR)
- Inspection Request (IR) Format
- Welding Inspection Report (WIR)
- Safety Checklist
- Site Photo Report
- Client Progress Report
- Material Consumption Report

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OUR VALUED CLIENTS

Trusted relationships across pharmaceutical, chemical and industrial sectors

ALKEM LABORATORIES LTD.

BLACK ROSE LTD.

HUNTSMAN INDIA PVT. LTD.

SHREEMAD PHARMA CHEM

VEER PHARMA CHEM

CADILA PHARMACEUTICALS LTD.

RAMDEV CHEMICAL INDUSTRIES PVT. LTD.

INSECTICIDE INDIA LTD.

MERINO INDUSTRIES LTD.

INDOSPAC CHEMICAL PVT. LTD.

DEEPAK FERTILISERS AND PETROCHEMICALS CORPORATION LTD.

CRYSTAL CROP PROTECTION LTD.

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OUR VALUED CLIENTS

Trusted relationships across pharmaceutical, chemical and industrial sectors

Reliance Industries Limited

RELIANCE INDUSTRIES LIMITED

SUN PHARMACEUTICAL INDUSTRIES LTD.

SUN PHARMACEUTICAL INDUSTRIES LTD.

Alembic — Touching Lives over 100 years

ALEMBIC

glenmark — A new way for a new world

GLENMARK

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OUR VALUED CLIENTS

Trusted relationships across pharmaceutical, chemical and industrial sectors

Coromandel
FUTURE POSITIVE

COROMANDEL LTD.

CONCEPT INDIA
PVT. LTD.

CONCEPT INDIA PVT. LTD.

SAINT-GOBAIN

SAINT-GOBAIN INDIA PVT. LTD.

Xenon Chem LLP

XENON CHEM LLP.

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PROFILE

Industrial Process Equipment | Tanks | Reactors | Fabrication

COMPANY OVERVIEW

S A Engineering & Fabrication is an industrial fabrication and equipment manufacturing company based in Ankleshwar, Gujarat. We focus on manufacturing-first solutions for process industries, including custom-built process equipment, storage and mixing tanks, reactors, pressure vessels, heat exchangers, structural fabrication and related industrial assemblies. Our approach combines practical engineering coordination, controlled fabrication, inspection documentation and project support.

OUR MANUFACTURING CAPABILITIES

PROCESS EQUIPMENT

Reactors, receivers, process vessels, columns and custom equipment manufactured to approved drawings and project specifications.

STORAGE & MIXING TANKS

MS and stainless-steel tanks for industrial storage and process applications, with capacity and construction based on approved design requirements.

HEAT TRANSFER EQUIPMENT

Heat exchangers, condensers and associated equipment, subject to engineering review and project specifications.

STRUCTURAL & SKID FABRICATION

Platforms, access structures, equipment skids, supports, frames and industrial structural fabrication.

PIPING & INDUSTRIAL ASSEMBLIES

Fabricated piping spools, supports and equipment interconnections as per approved drawings and site requirements.

ERECTION & COMMISSIONING SUPPORT

Site installation, alignment, testing coordination and commissioning support where included in the project scope.

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QUALITY & MANUFACTURING PROCESS

Controlled workflow | Inspection | Documentation | Delivery

MATERIALS & CUSTOMIZATION

Fabrication can be planned in suitable materials such as SS304, SS316 and carbon steel/MS, depending on process compatibility, design conditions and customer specifications. Each job is reviewed for drawing status, material requirements, dimensions, fabrication sequence, inspection points and dispatch requirements before execution.

QUALITY ASSURANCE & DOCUMENTATION

We aim to maintain clear job records and inspection traceability throughout the manufacturing process. Project documentation may include material records, approved drawings, job cards, welding records, dimensional inspection reports, NDT or pressure-test reports where specified, final inspection records and packing lists. Applicable codes, statutory requirements and customer quality plans are followed as defined for each order.

OUR MANUFACTURING WORKFLOW

01 **Customer enquiry and technical requirement review**

02 **Drawing / datasheet coordination and approval**

03 **Material procurement, receipt and identification**

04 **Job planning, cutting, forming and fit-up**

05 **Welding, assembly and in-process checks**

06 **Dimensional inspection and applicable testing**

07 **Surface finishing, cleaning, marking and packing**

08 **Final documentation, dispatch and delivery coordination**

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COMPANY CAPABILITIES & SERVICES

FABRICATION | MANUFACTURING | ERECTION | COMMISSIONING | MAINTENANCE

Workshop manufacturing and site execution support for industrial projects

OUR PRIME OBJECTIVES

S A Engineering & Fabrication aims to set milestones of excellence through reliable fabrication, erection, commissioning and maintenance services for industrial and process-sector projects.

- Fabrication and erection of piping, structures, tanks, vessels and fire-fighting systems.
- Erection of all types of industrial equipment.
- Hot and cold insulation of steam and chilled-water pipelines.
- Wrapping and coating of underground pipelines.
- Maintenance of industrial process plants and equipment.
- Annual maintenance contracts for refinery, chemical, fertilizer, pharmaceutical and service industries.
- Mechanical shutdown and turnaround maintenance.

MANUFACTURING & FABRICATION

- All kinds of fabrication work in Mild Steel (MS) and Stainless Steel (SS).
- Workshop manufacturing and structural-equipment fabrication capacity: approximately 500 tonnes per month.
- Site piping and structural fabrication works.
- Chemical equipment manufacturing and storage-tank fabrication.
- Heat exchangers, pressure vessels, reactors, chimneys, columns and other process equipment.

ERECTION, COMMISSIONING & TESTING

- Loading, unloading, equipment erection and commissioning.
- Fabrication, erection and commissioning of equipment used in chemical, agrochemical, fertilizer, petroleum, pharmaceutical and other process industries.
- Equipment inspection and testing, including hydrostatic testing and thickness measurement, as applicable to project requirements.
- Turnkey project execution and coordinated delivery of fabrication and site services.

MAINTENANCE & LABOUR SUPPLY

- Maintenance of reciprocating pumps, SRL pumps, Warman pumps, centrifuges, dryers, conveyors, elevators and related equipment.
- Industrial plant maintenance and mechanical shutdown jobs.
- Provision of highly skilled, skilled, semi-skilled and unskilled manpower.
- Experienced and qualified engineers and supervisors to support site execution.

OUR APPROACH

We combine technically skilled personnel with practical workshop and site experience. Our focus is on safe execution, workmanship, coordination, and delivering services in line with customer requirements and approved project specifications.

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INDUSTRIES & CONTACT

Manufacturing-focused approach | Custom solutions | Long-term partnership

WHY WORK WITH US

- Manufacturing-focused approach with site work as a supporting service
- Custom fabrication based on approved drawings and specifications
- Coordination across material, production, quality and dispatch
- Clear communication on progress, inspection and delivery
- Practical support for industrial and process-sector projects

INDUSTRIES WE SERVE

- Chemical and specialty chemical
- Petrochemical
- Pharmaceutical and API
- Process industries
- Agrochemical
- Industrial plants and EPC projects

CONTACT US

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