

# Company Profile



Chaudhary  
Designers & Fabricators

## Corporate Information

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Name	M/S CHAUDHARY DESIGNERS & FABRICATORS
Address	Plot no:2103 , Phase-4 , G.I.D.C., Vatwa, Ahmedabad- 382 445.  Landmark : Near Ramol police chowki cross road,
Contact No	+91 9712922019 (Ankit Chaudhary) +91 9825015071 (Kaushik Chaudhary)
Email Address	<a href="mailto:cdfkaushik@yahoo.co.in">cdfkaushik@yahoo.co.in</a>
Website	<a href="http://www.cdfabricators.com">www.cdfabricators.com</a>
Year of Establishment	1982
Factory Area	3200 Sq.meter
Registration	GSTIN : 24AACFC4627R1Z6
Major Activities	Designers and Fabricators of heavy Equipment such as Pressure Vessels, Storage Tanks, Agitators, Jacketed Vessels, Chimney, Belt Conveyors, Screw Conveyors, Hoppers, Solar Water Heaters, Solar PV EPC etc.

## Key Professionals

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- 1) Mr. Kaushik Chaudhary (MD)  
(M.S. Mechanical Engineering, Youngstown State University, USA)  
Leading the Fabrication Unit for last 36 Years.  
A Solar Expert, Well Experienced in Nonconventional Energy Sources
- 2) Mr. Jainam Shah  
(Mechanical Engineer)  
15 years of experience in fabrication of heavy equipment, Hydraulic Cylinder.
- 3) Mr. Ankit Chaudhary  
(M.S. Mechanical Engineering, Stevens Institute of Technology, Hoboken, USA)  
Over 15 years of experience in fabrication field

## **Service Capabilities**

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### **Fabrication Shop**

- Automatic Submerged Arc Welding; Mogora Make Boom and Column Manipulator.
- Advani make Submerged Arc Welding Machine 1 nos.
- Welding Invertors 3 nos.
- Advani Make Welding Generator 1 no.
- Advani Make Welding Rectifiers 4 no.
- Welding Transformers 8 nos.
- Angle Grinding Machine Ag-7 -6nos.
- Radial Drill, 50mm thick 2No.
- Setup for MIG and TIG(SS Argon)



### **Plate Bending Facility**

- DAVI make 4 roll CNC Bending Machine upto 30 mm.
- DAVI make NC Section Bending for all kind of section.
- 6 Nos of Bending machine shop capacity from 0.5mm to 50mm thk, Ideal for bulk job work.

### **Dished End Manufacturing Shop**

- Blue Valley Flanging machine up to 16mm thick, 4000mm.
- 3 Nos of Hydraulic Power Press (Capacity 150 Ton).
- 1 No Hydraulic Power Press (Capacity 400 Ton)



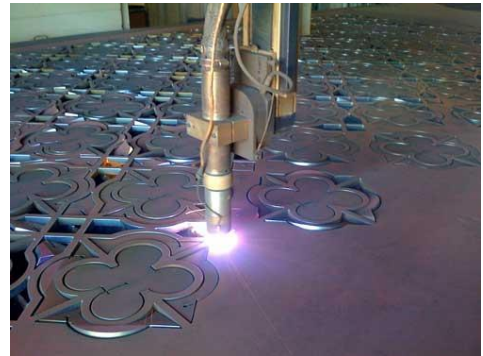


## LASER Cutting Shop

- AMADA FO 3015NT 4KW.
- Laser cut upto 16mm MS and 12 mm SS

## Plasma/Oxy Acetylene Cutting Shop

- CNC Plasma/Gas cutting, source Hypertherm Powermax 85.
- Gas Cutting (Straight/Forward) Machines 4nos.
- Gas Cutting (Profile) Machines 2nos.



## Sheet Metal Fabrication Shop

Shearing Machine 1Nos  
(Energy Mission)

- Up to 2000 x 6mm shear cut

CNC Press Brake Machine 1 Nos.  
(Hindustan Hydraulics)

- Max 3000x 6mm

Radial Drilling Machine 3 Nos.

- Up to 50mm dia hole.

## List of Equipment for Testing & Inspection

Sr. No.	Testing Equipment	Qty.
1.	Vernier Caliper	4 Nos.
2.	Micrometer Screws	3 Nos.
3.	Ultrasonic Thickness meter	1 Nos.
4.	Dye Penetrant Testing Equipment	
5.	Hydro Testing Equipment	



## Product Profile

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### Heavy Fabrication

- Pressure Vessels
- Heat Exchangers
- Reaction Vessels
- Storage Tanks
- Industrial Chimneys
- Ball Mills
- Silos
- Rotary Dryers
- Collapsible Drum
- Pipes and Reducers (upto 4000mm dia)
- Ducting
- Fabricated Flanges

### Primary Industries Served

- Oil & Gas
- Chemical & Petrochemical
- Water Treatment
- Power Generation

### Industry Standards

- A.S.M.E. Sect. VIII, Div. I
- ANSI Sect. B31.3
- IS 3589
- IS 4049

### Materials Worked With

- Carbon Steels
- Stainless Steels
- Copper
- Aluminium
- Monel
- Clad Plates



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### Dished Ends Point Pressed and Spinned

Types of Dished Ends we make



Torispherical



Tori Cone



Crown



Ellipsoidal



Flat Flanged



Crown-Petal

### Dye Punched Dished Ends/ Pipe Caps

- Size : 1" to 24" Sch 5 to 120
- MS Pipe Caps are in stock.



## Product Profile

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- Reducers/cone upto 3200 mm dia, 25mm thick.
- Monthly 50 Tonnes of cone bending jobwork.



- Monel Perforated Cone



- Monthly 200 Tonnes of Shell Bending jobwork



- Any kind of complex Forming
- Rectangle [1200 x 300] to Round [dia 600] x 3mm thick



- Collapsible Drum Dia 3800 x length 6300



- SS Silo 20MT.