



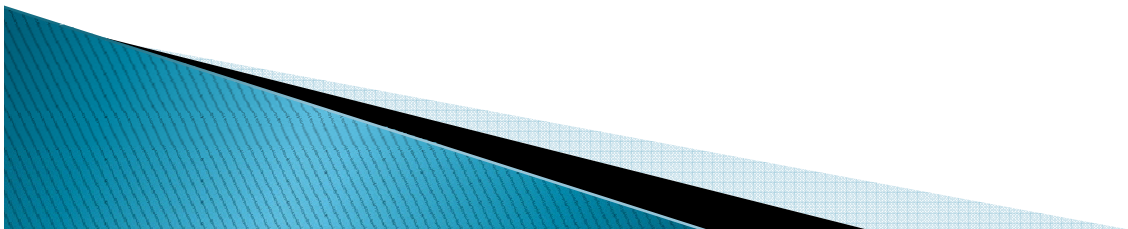
# ***Manoj Consulting Engineers Fabricators & Erectors***

**(AN ISO 9001:2008 CERTIFIED ORGANISATION)**

**Est. 1985**

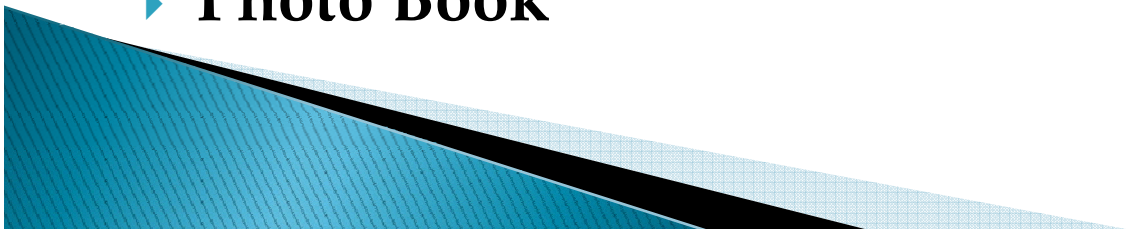
## COMPANY VISION

*“To be the leader in total facilities and manufacturing of equipments adhering to the highest standards/codes of manufacturing in achieving ultimate goals by continuously providing the best qualitative products to its customers”*



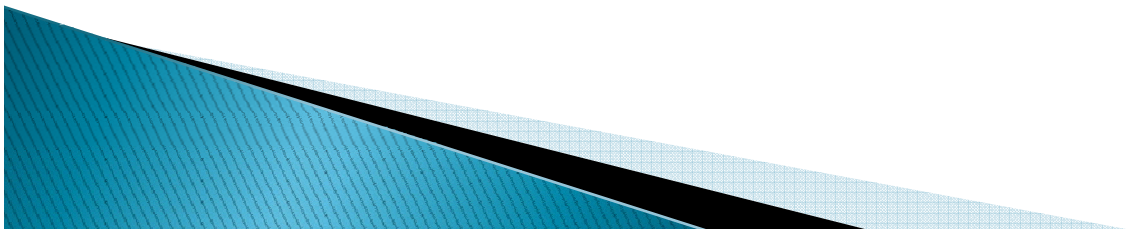
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# INTRODUCTION

- ▶ Manoj Consulting Engineers was established in 1985 by a group of highly qualified experienced technocrats and financial experts. Our Products and the quality of workmanship have been very well accepted in the industry.
- ▶ We have extensive experience in the **mechanical design and fabrication** of jacketed & non-jacketed pressure vessels, storage tanks, Filters, Strainers( T & Y-type), Flow Tees, Knockout Drums, Shell & Tube Heat Exchangers, columns & Towers, Chemical Dosing Skids and custom fabrication as per National and International codes like ASME, DIN, BS, IS, TEMA etc.
- ▶ Manufacturing pressure vessels under third party inspection as per **SMPV (U) rules 18 & 19 since last Twenty years.**

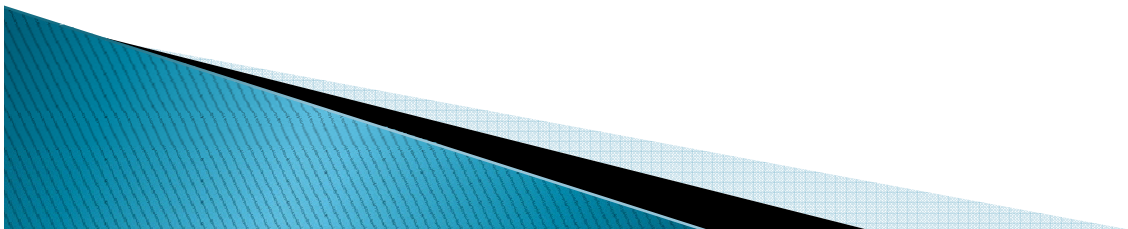


# RANGE OF PRODUCTS

- ▶ Pressure Vessels(Jacketed/Non Jacketed type)
  - ▶ Cladded Vessels
  - ▶ Knock Out Drums
  - ▶ Cryogenic Vessels
  - ▶ Storage Vessels
  - ▶ Chemical Dosing Skids
  - ▶ Filters
  - ▶ Flow Tees
  - ▶ Air/Gas Dryer
  - ▶ Strainers( T & Y-Type)
  - ▶ Air Receiver
  - ▶ Heat Exchangers
  - ▶ Rectangular Tanks
  - ▶ Reactors
  - ▶ Column & Towers
  - ▶ Flanged and Flued bellows
  - ▶ Dished ends( Upto Dia-2500mm & Thk. 16mm)
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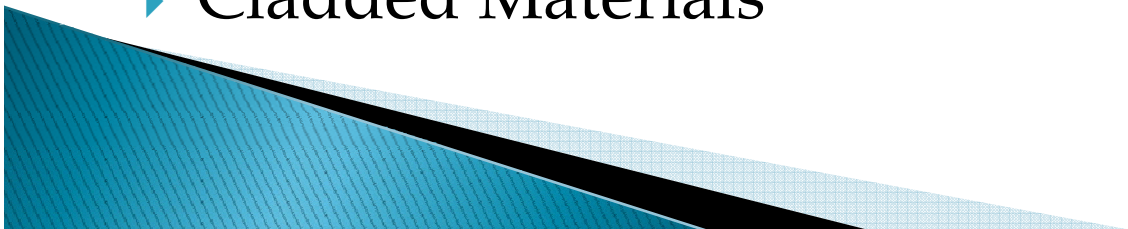
## SERVICES PROVIDED

- ▶ Site fabrication, installation & commissioning of equipments/plants.
- ▶ Repair services for equipments in plants & sites.
- ▶ Testing of equipments at site after repairs.



# MATERIAL OF CONSTRUCTION

- ▶ Mild Steel (IS:2062, IS:2002)
- ▶ Carbon Steel (SA 516 Gr. 60/70)
- ▶ Stainless Steel( SA 240 Gr. 304, 304L, 316, 316L etc.)
- ▶ Super Duplex
- ▶ Monel & Inconel
- ▶ Brass
- ▶ Cladded Materials

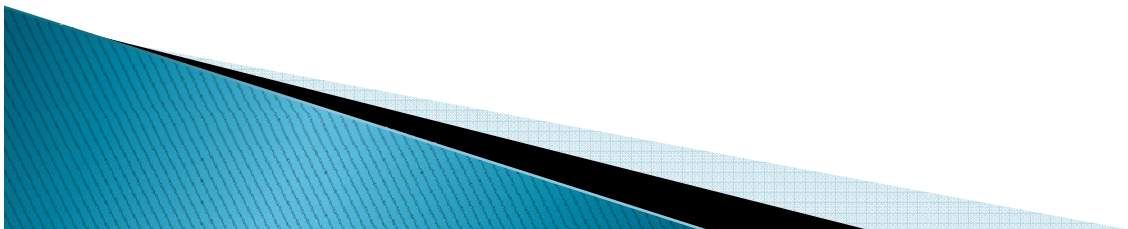




## DESIGNING CODES

Manoj Consulting offer products strictly in accordance with all major national & international codes:-

- ▶ ASME
- ▶ BS
- ▶ DIN
- ▶ IS
- ▶ TEMA
- ▶ Thermal & Mechanical Designing of Shell & Tube Heat Exchangers using standard software.





# FABRICATION FACILITY

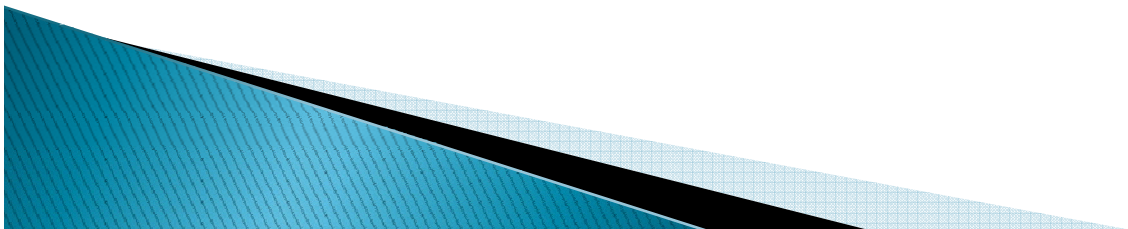
- ▶ Manufacturing Division: 7050Sq.Feet
- ▶ List of Equipments:-

Type	Capacity	Qty.
<b>A. <u>CUTTING EQUIPMENTS</u></b>		
Air plasma cutting machine (Make-Hypertherm)	Upto 25mm thk.	1
Oxy-Acetylene Circle/Straight line Cutting	Upto 50mm thk.	2
Pug Cutting	Upto 50mm thk.	2
<b>B. <u>FORMING EQUIPMENTS</u></b>		
Plate Rolling	2500mm WideX50mm thk	1
Plate Rolling	2000mm Wide X 16mm thk.	1
Hydraulic press	200T X 2800mm Span	1

Type	Capacity	Qty
<u>C. Welding Equipments</u>		
Rectifiers/Transformers	400 Amp	7
TIG welding Machine	400 Amp	2
MIG welding Machine	400 Amp	1
High Frequency with water cooled argon torch	400 Amp	1
Electrode drying ovens: Box type & Portable	Various Capacities	1 & 2
<u>D. Machining Equipments</u>		
Radial drilling Machine	50mm	1
Tables for drilling Machine		1
Portable Drilling Machine	Upto 6mm & upto 13mm	2
Magnetic Drilling Machine	32mm	1
Tube Expander	50mm	1
Portable grinding Machine	Various Sizes	6



Type	Capacity	Qty
E. <u>Utilities</u>		
Air compressor	10 Kg/cm2	1
Hydraulic Testing Pump	200 Kg/ cm2	2
Diesel Generator	62 KVA	1
Power Allocation	50 KVA	



# QUALITY SYSTEM & TESTING FACILITY

Manoj Consulting believes in manufacturing products that meet customer needs. Our aim is to ensure correct, complete & on time deliveries to maintain and enhance confidence of our customers and our reputation as a reliable, resourceful and responsible supplier.

- ▶ Team of qualified engineers for Quality Control.
- ▶ Our all machineries, equipments, measuring tools and instruments are regularly calibrated by reputed agencies
- ▶ Non Destructive Tests like PT, RT, MT and UT being carried out internally and by reputed agencies.
- ▶ Hydro testing, Pneumatic testing and Vacuum Testing being carried out internally
- ▶ Stress Relieving (SR) facility
- ▶ Inspection of equipments/items under various third party inspection agencies like BVIS,DNV, EIL,PDIL, IRC, NTPC, TOYO, SGS, MEC-ELEC etc.



# APPROVALS/REGISTRATION

- ▶ SMALL SCALE INDUSTRY
- ▶ ISO 9001:2008
- ▶ PETROLIUM & ESPLOSIVES SAFTEY ORGANISATION(NAGPUR)
- ▶ PDIL
- ▶ BHEL
- ▶ DNV



# THIRD PARTY INSPECTION AGENCIES





# CUSTOMER LIST





## CONTACT DETAILS

**Contact Person:** Satyender Singh(CEO)

**Office:**

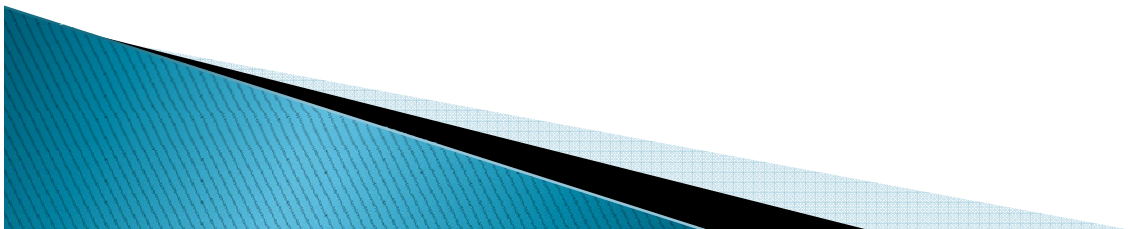
D-20, Sector-6, Noida-201301 Distt.:GautamBudh  
Nagar (U.P.) Telefax: 0120-2587993

***Works:***

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**Email:** [mail@manconengg.com](mailto:mail@manconengg.com)

**Web site:** [www.manconengg.com](http://www.manconengg.com)



## PHOTO BOOK



20KL CAPACITY LIQUID CO2 VACCUM  
INSULATED JACKETED VESSELS



NITROGEN GENERATOR  
PSA SKID



FURNACE





## HEAT EXCHANGER(SS & CS)

(Dia of Tubes 25.4mm, Qty of tubes 125 TO 334 Nos.)



AIR RECIEVERS



HEAT EXCHANGER  
WITH COPPER TUBES



CRYOGENIC VESSEL  
CAPACITY-1000L





COOLER WITH 200Nos.  
COPPER TUBES



4"NB & 6"NB COOLER  
WITH COPPER TUBES





NITROGEN STORAGE VESSEL(5KL)



10 TON CAPACITY CO<sub>2</sub>  
VESSEL



16.8 TON CAPACITY  
CO<sub>2</sub> MOBILE VESSEL





STRUCTURE FOR L&T