



VESSELS & STRUCTURES

Company Profile

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Vessels & Structures

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About Us: -

We would like to introduce ourselves as one of the leading Civil Contractors and Structural Fabricators in PCMC area. Incorporated in 1980 as Civil Contractors, we have successfully diversified our business in 2005 to cater Auto Industries. We have upscaled our expertise in Structural work and introduced modern techniques in field of designing for capital items relating to Auto Industry. With our core values like business integrity and high ethical standards, quality, and time bound delivery with exceptional customer service we have successfully penetrated the market and established benchmark.

Our Vision:

To obtain recognition as a trusted firm in Industry and Community.

Our Mission:

To deliver quality and time bound service to customer.

Team Behind:

We would like to introduce you to our core team.

Shashank Gandhi: -

Qualification:

Civil Engineering COEP. Batch: 1973-74

Designation:

Partner

Mission:

To deliver quality and time bound service to customer.

Vision:

To obtain recognition as a trusted firm in Industry and Community.

Career:

Having ambition of a self-employed person, his carrier started as Junior Engineer in Government owned Public Health Department. After few years of service in Government he decided to quit job and join construction company so that he could gain more experience which would be handy when he starts his own firm. Let's have a look at few projects which were carried out under his supervision and guidance in both above offices.

Execution of Projects under his Guidance:

As Junior Engineer in Public Health Department (Malegaon Division) from (1974-77):

Carried out work of Augmentation of Water Purification Plant in village Sakora, district Nasik. This plant supplies water to Hindustan Aeronautics Ltd Nasik.

After successfully completing above job was assigned to Maintenance and Augmentation of Water purification plants in vicinity.

As Site Engineer in B.G Shirke: (1977-84):

Many chawls were redeveloped under his guidance in Parel, Bombay (now Mumbai).

After gaining experience in affordable housing sector, he shifted his focus to infrastructure development and thus shifted to Hyderabad.

In Hyderabad he was engaged in executing activities like roads, footpath, and bridges.

While working in Hyderabad he realised that he had gained enough knowledge and was ready to start his own venture. Thus, in winter of 1980 he along with one of his relative bought lands of 1000 Square Meter in PCMC. Being the only earning person in family at start he simultaneously performed both duties i.e. (as a partner in his own venture and employee in Shirke). In 1984 once business started flourishing, he left job and fully concentrated on business.

One of Achievements in execution of Projects as Entrepreneur:

512 Military Base Workshop for Military Engineering Services (MES) through Hindustan Construction Co. Completion of work for entire shed weighing 1300 Ton was done in span of 13 months.

Asim Gandhi: -

Qualification:

B.E Mechanical Engineering (2004-05)

P.G Fire Protection Systems.

Designation:

Business Development Head.

Career so far as Business Development Head:

Joined esteemed firm in 2004. With a vision of diversifying business, he laid down blueprint for engagement in to Auto Industry.

Since 2005 we have successfully partnered with many Auto Industries in Pune area for customised capital products.

Amber Gandhi: -

Qualifications:

B.E Mechanical Batch 2001-02

MBA Finance 2003-05

Designation:

Head: Design

Head: Operations

Career:

Started his career as a Design Engineer in R&D Forbes Marshal Ltd in 2005. After taking experience of 2 years in Forbes Marshal in design division decided to join business. With expertise in Catia and AutoCAD he heads design division with his expertise in 3d modelling he has made many complex material handling systems look easy.

Execution of every project bagged by company is completely executed under his guidance.

Other Experts associated with our organisation at glance:

Sr. No	Name	Qualification	Experience	Designation
1	Kale S.	BE Electrical	23 Years	Electrical/ Electronic Head
2	Shivaji Sabane	B.E. Metallurgist	26 Years	Metallurgical Head
3	Dilraj	B.E. Electronics	9 Years	Junior Engineer
4	Koli	Diploma Mechanical	18 Years	Project Manager
5	Shankar	Diploma Mechanical	16 Years	Site Supervisor
6	Narendra	Diploma Civil	13 Years	Site Supervisor
7	Nimbalkar	Diploma Civil	21 Years	Site Supervisor
8	3 Designers	Qualified Designers	Experienced	CAD and AutoCAD designers
9	Pravin Kajale	Diploma Civil	17 Years	Civil Head
10	Pol S.K	Diploma Mechanical	27 Years	Mechanical Head

In-House Facility:

Size of Shop:

1000 Square Meters.

Power Available:

130 HP

Design Facility:

Design facility is equipped with Catia and AutoCAD with qualified designers with experience of 3 to 5 years.

Shop Floor Facilities:

a) Supervisors on shop floor – 5

b) Fitters - 5

c) Helpers - 12

d) Welders – 6

e) Others – 3

Sr. No	Type	Make / Model	Capacity	Technical	Nos.
1	Rectifier welding m/c	Ador welding: CHOPREC 401	400 Amp	Energy efficient MMA Welding Rectifier based on latest Chopper based Technology, Suitable for welding with all electrodes including 6010 and 7010 G.	4
2	Co2 welding m/c.	Ador	400 Amp		8
3	3 Phase Welding transformers.	Ador Welding TPA 403	400 Amp	TPA series air cooled AC arc welders are three phase machines extensively used as power sources for most of the manual metal arc welding jobs with bare rods and coated electrodes.	4
4	2 Phase welding transformer	Ador Welding RED 403	400 Amp	These machines are also used as power sources for Gas Tungsten ArcWelding (GTAW) of aluminium, magnesium and their alloys.	2
5	Bench Drill machine		28mm	2000 watt, 500 RPM	3
6	Hand Grinders	Dewalt/ KPT	7"	2200 watt, 8500 RPM	7
7	Hammer Drill machine	Dewalt	25mm	1100 watt.	4
8	Chop saw cutter	Dewalt	14"	4 HP, 15 amp, 3800rpm (no load speed)	6
9	Chain Block	Indef	5 ton	Manual	1
10	Chain Block	Indef	2 ton	Manual	2
11	Compressor	Elgi	5 HP		1
12	Bandsaw M/C	Local	175 mm	Automated	1
13	Radial Drill M/C	Local	25 mm	Manual	2

Sr. No	Type	Least Count	Nos
1	Microscope: Inverted type 600 magnification	600 magnification	1
2	Hardness tester: Rockwell cum Brinell type	1 HRC	1
3	Polishing machine		1
4	Vernier calliper	100 microns	2
5	Screw gauge	50 microns	1
6	Height gauge	50 microns	1
7	Measuring Tape	3mtr,5mtr,15mtr,30mtr	

Financials:

Net Turnover for last 3 financial years:

FY 2019: 7.2 Crores

FY 2020: 2.2 Crores

FY 2021: 6.2 Crores

Why Us:

Our Organisation offers host of services in Pre- Engineered Buildings (PEB), Mechanical, Electrical, and Plumbing (MEP) systems, Civil Works, and onsite structural works. We offer one stop solution for Design, Procurement, Installation, and approvals as per customer requirements. For all above works it is very important to have strong design, procurement, and execution team. Any ignorance in any of the division it may cause delay, increase maintenance cost, and reduce life span of project. Poor team would also affect execution work and it would increase entire project timeline. Let us know about our organisation in above parameters.

Design:

- Design is most important part of any project as optimisation in design reduces cost, increases quality, and reduces time for completion of project.
- We use software's like Microsoft projects for project planning and AutoCAD, Catia for modelling.
- Due to optimal robust design, we lower Maintenance cost due to best quality of Design, material procurement, and skilled execution work.
- We Design as per customer requirement using IS Standards.
- We understand that time is important, so we complete our project on time.
- We procure and use material only from proven sources and work transparently.
- We use state of art software's and can-do customised design. Our design speciality is
 - Light weight, strong robust design
 - Demonstrated durability
 - Designed for Indian conditions
 - Warranties backed by product suppliers
- We offer wide product varieties of roofing and building geometry.
- We do preparation of GA drawing including Anchor Bolt positioning and Column reaction.
- Designing of Structure, Fabrication drawing, Erection drawings, supervision/ checking on installation foundation bolts and Stability Certificate.
- Preparation of GA drawing for Roof/ Cladding sheets

Civil work and Erection Process:

During erection process it is important that skilled team is recruited on site so as they can read drawing properly, Co-ordinate with client on daily basis, and carry out execution work as per the drawings

- Site Survey, Marking, Excavation layout
- Proper flooring of said grade and checking quality of flooring
- Footing, wall brick work, plastering
- Pre-Erection Checks
- Receiving Materials at site
- Unloading Containers
- Erection of Structure
- Roofing
- Quality Checking at each step
- Performing all work as per safety standards
- Civil work, punch points
- Getting approvals from Government agencies after joint inspection and approval from client.

Few Success Stories:

- 512 Military Base Workshop for Military Engineering Services (MES) through Hindustan Construction Co. Completion of work for entire shed weighing 1300 Ton was done in span of 13 months.
- Design, Supply, Installation and Proving of Fire Hydrant System for Entire TATA Motors Dharwad worth 3.1 Crore.
- Design, Supply, Installation and Proving of Automated CNG system for TATA Motors Pimpri plant.
- Design, Supply, Installation and Proving of Automated Radiator Coolant and distribution System for Entire TATA Motors Pimpri plant.
- Insulation and Installation of Pudumjee Paper Mill Installation
- Design, Fabrication and Installation of fencing Ghaunje Cricket Stadium, Pune worth 1.5 Crore
- Shed with MEP solution for Storage Material for TATA AutoComp Systems Ltd worth 1.3 Cr.
- Cladding Work for New Shed for TATA AutoComp Systems Ltd worth 1.5 Cr
- Structural Shed with civil work for Fenace Auto Ltd.
- Structural Roofing and civil work for Singhgad Hospital 2.5 Crores.
- Fencing and Gates for Volkswagen Chakan.
- Shed with MEP solution for Bajaj Auto Akurdi.
- AMC from past 10 years in TATA Motors in Compressed Air, Natural Gas, Water, air piping.
- AMC from past 20 years for Bajaj Auto Ltd Akurdi for Civil Department
- Shed with MEP solution of Storage of Material JG Glass
- Shed with MEP solution for Scrap Storage Finolex Ltd
- Roofing Work at Trinity Engineering Ltd
- Shed with MEP solution for raw material storage for Trinity Engineering.
- Shed with MEP solution for Scrap storage T.K Steel Pvt Ltd

Our Trusted Clients:

