

Shell Moulding Casting Foundry



Precision Casting & Quality for the
NEXT GENERATION

www.devindustries.in



COMPANY PROFILE

Continues Innovative changes and rapid transformation have been the theme of company history.

In 1987, Our family group company established as a manufacturer and trader of Submersible Pump & Motor Spare Parts.

We, **Dev** Industries has a cost-effective and quality Shell Moulding casting solutions for our Customers from all over the world. So re-order ratio from same customers are increased.

Throughout the history currently casting capacity of **Dev** Industries is 300 Metric

Tonne per month with all type of process like Shell Moulding, Sand Casting and CO2 Moulding based on Surface finish requirements of the Customers.

With the spirit of continual innovation and unceasing improvement in our Shell Moulding foundry, we are able to provide surface finish of the Castings nearest to Investment Casting (Lost Wax Process).

We are a leading pioneer in the field of Shell Moulding Castings in India.

We warmly welcome your visit and cooperation with **Dev** Industries.

COMPANY TODAY

Today, Dev Industries is completely focussing on manufacturing Castings and machining parts with MSME Sustainable Zero Defect Zero Effect (ZED).





WE STAND FOR

- Innovative solutions with Shell Moulding Technology.
- Detailed Quality : Both in the process and in the product development.
- Parts development with First time right with Shortest lead time.
- Sustainable commitment to the environment and the society.
- Long lasting partnerships with our customers.
- Maintaining on time delivery always.

FACTS

- Family owned company
- Year Founded 1987
- Number of employee : More than 200
- Material : High-alloyed and low-alloyed steels, Cast Iron
- Customers : Pump Industry, Automobile, Hydraulic and Heavy engineering
- Certified : ISO 9001:2015, ISO 14001, OHSAS 45001, ZED Certified.



QUALITY CONTROL

After many years of working experience together with customers from different Sectors, we have adopted strict quality control managing system with ISO 9001-2015 and "Zero Defect Zero Effect" ZED certification. We never stop the pursuit of constant improvement with implementing each and every process Poka-yoke mechanism and 7QC tools methods for problem solving to provide customer satisfaction.

We equipped with a Precise facilities such as,

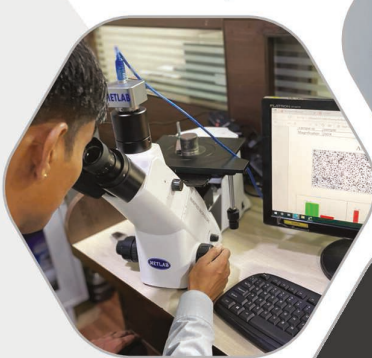
▼ Spectrometer



▼ Hardness Tester



▼ Microscope



Other Testing Facility

- Tensile strength
- Sand AFS, Gas and HTS Test
- Calibrated instruments like Digital Vernier, Height guage, Bore guage, Angle guage, Slip guage.
- Bench centre
- Micrometer
- Infrared Temperature Meter



▲ Sand Testing Lab

Pre Despatch
Inspection Lab



So as to promise the high quality, our Inspectors are always keeping in mind the importance of Consistent Quality, quick response are the keys to our Customer satisfaction.



OUR STRENGTH



Foundry

World class two foundry with semi-automated and own designed Pouring bed controlled by PLC systems.
Achieve casting surface finish nearest to lost wax process with lower cost.



Machining

Adopted Japanese technologies for Turning, Drilling and Milling operations.



In House Tool Room

To reduce lead time of new development we equipped with "MAZAK" make vertical machining centre and we are using casting simulation software also for getting defect free casting.



Heat Treatment

We have own designed and manufactured annealing & water quenching furnace to control and consistent hardness with graphical system.



Other Facilities

Vertical Broaching, Dynamic Balancing, Shot Blasting, Turning Scrap Chip Compactor, Ice Blasting, Customized ERP System for data analyser.



Sand Coating

Good resin sand coating plant to cater in house demand.

Thermal Sand Reclamation

All the moulding sand reclaim 100% and reused with European technology.

OUR FOUNDRIES

We have two separated foundries for steel and Cast iron parts. The plant is having area of around 5000 sq. meter.



Foundry 1 : Steel

Equipped with Medium Frequency Induction Furnace of 375 kw with 3 crucible 150 kgs made by Inductotherm India.

Materials

Austenitic Stainless Steel : CF8, CF8M, CF8C, CF3, CF3M

Martensitic Stainless Steel : CA15 (410), CA40 (420)

Special Alloys: As per Customer specification or International Standard Specifications like; ASTM, DIN, SAE & AISI.

Weight range : 100 gm to 40 kg part can be developed.



Foundry 2 : Cast Iron

Equipped with medium frequency Induction Furnace of 400 kw with 2 crucible 150 kgs and 1 crucible 300 kgs made by Inductotherm India.

Material:

Ductile iron : Grades 400-15, 500-7, 600-3 and 700-2 as per EN, ASTM, ISO and IS standards.

Grey Iron: Grades 150, 200, 250, 300 as per EN, ASTM, ISO and IS standards.

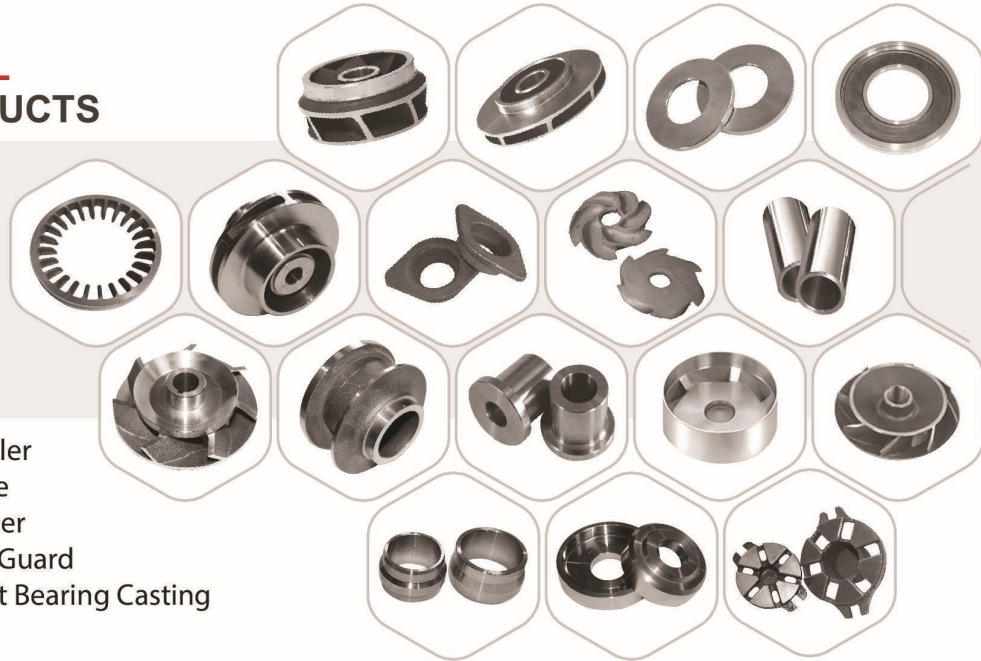
Weight range : 300 gm to 70 kg parts can be developed.

Pump Parts, Hydraulic Parts, Valve Components,
Ferrous Castings, Other Casting &
Machined Components



STEEL PRODUCTS

- Impeller
- Sleeve
- Diffuser
- Sand Guard
- Thrust Bearing Casting



CAST IRON PRODUCTS

- Bowl
- Valve body
- Wheel base
- Cover casting
- End cover



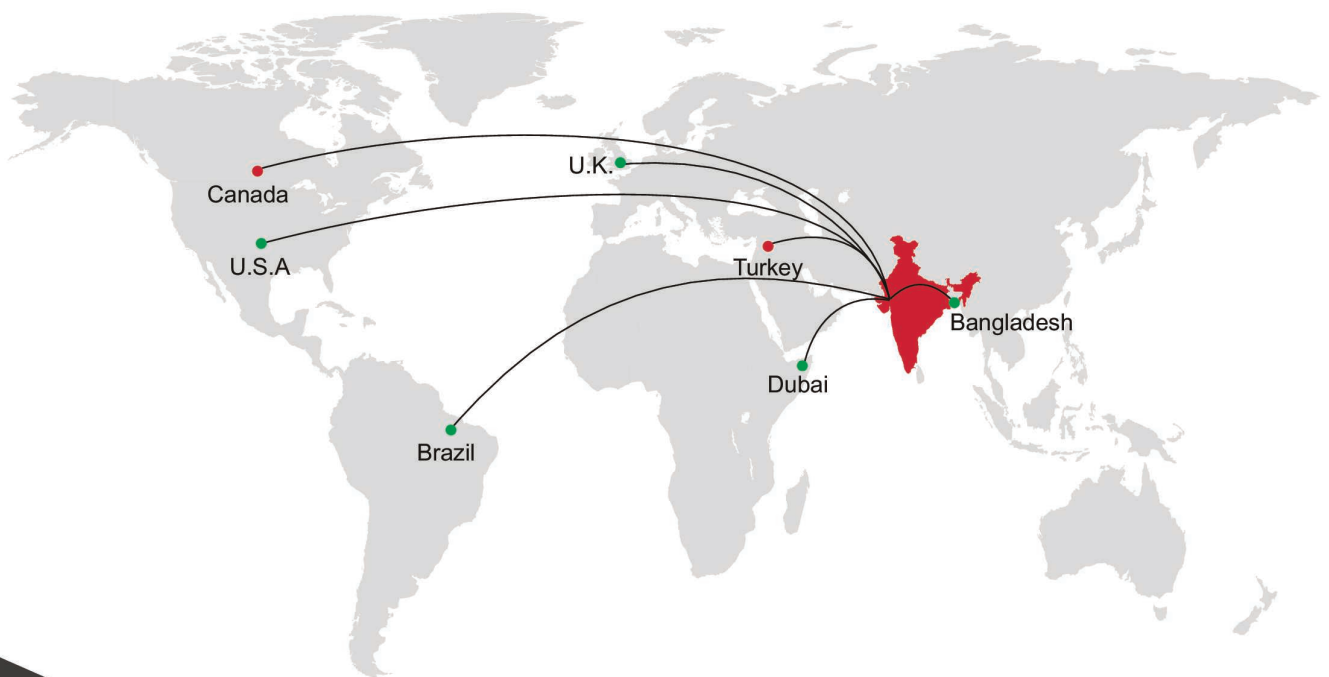
OUR VALUABLE CUSTOMERS





SHELL MOULDING CASTING FOUNDRY

**WE
EXPORT**



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