

APEX FOUNDRY SOLUTIONS

ONE STOP FERROUS CASTING SOLUTIONS

A JOINT VENTURE BETWEEN APEX FOUNDRY SOLUTIONS AND SHRI HANUMAN IRON WORKS.

ORDERING ADDRESS:

2302,AVANI REGENCY, 1, Dr.RAGHAGOBINDO NATH SARANI
KOLKATA-700033. WESTBENGAL.
GST NO. 19AASFA7976K1ZF

INFRASTRUCTURE

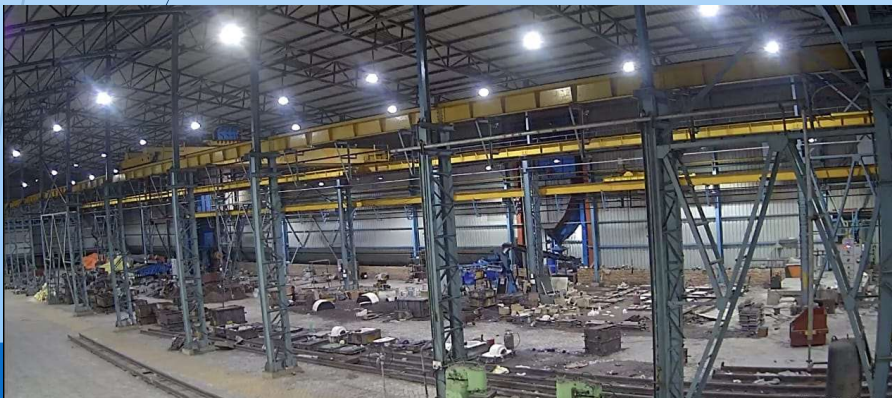
CAPACITY:- 8000 TPA GOOD CASTINGS.

(LARGEST SINGLE PIECE CASTING UPTO 1100 KGS.)

SHED AREA:- 58000 SQ FT.(5400 SQ MTRS.)

LAND AREA:- 2,15,000 SQ FT.(20,000 SQ MTRS.)

PLANT LAYOUT



MOULDING BAY



FINISHING BAY

FACTORY LOCATION:-

PLOT NO. 15,
FOUNDRY PARK,
HAULI BAGAN,
WEST BENGAL-
711414.

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PLANT AND MACHINERY

- MELTING
- MOULDING
- SHOTBLASTING & FINISHING
- HEAT TREATMENT
- QUALITY CONTROL

MELTING EQUIPMENT :-



INDUCTION FURNACE OF CAPACITY 200 KGS; 500 KGS & 1000 KGS.

MOULDING EQUIPMENT



HIGH PRESSURE MOULDING SETUP; SIMULTANEOUS JOLT SQUEEZE
MOULDING SETUP ; NO BAKE MOULDING SYSTEM

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PLANT AND MACHINERY

SHOT BLASTING & FINISHING EQUIPMENT :-



SHOTBLASTING AND FINISHING SETUP.

HEAT TREATMENT EQUIPMENT

:-



ANNEALING AND NORMALIZING SETUP OF 3 TONS CAPACITY.

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PLANT AND MACHINERY

QUALITY CONTROL INFRASTRUCTURE :-



SPECTRO, MICRO, UTM, HARDNESS TESTING, SAND TESTING, MUFFLE FURNACE, TEST COUPON STORAGE SETUP.

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PROCESS CAPABILITY TO PRODUCE FOLLOWING
GRADE OF METALS

ALLOYED CAST IRON
FG 260; FG 300; FG 350; ASTM A 532; IS 4771.....
DUCTILE IRON
SG 450/10; 500/7, 700/2.....
CARBON STEEL GRADES
EN8; EN9; IS 1030; IS 2707/08....
LOW ALLOY STEEL (<8% alloying) GRADES
EN19; EN24; EN30B; EN31; EN36B....
HIGH ALLOY STEEL (>8% alloying) GRADES
HEAT RESISTANT STEEL
HC;HD;HF; SS 310....
CORROSION RESISTANT STEEL
CF-8 (304) ; CF-8M (316)....
CD-4MCu; CD-3MN....
SS 410...
WEAR RESISTANT STEEL
MANGANESE STEEL IS276....

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VALVES MADE OF WCB; DI; CF8; CF8M.



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**ENGINEERING COMPONENTS MADE OF IS1030; DI; SS310;
SS 304 ;SS 316.**



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**LARGE ENGINEERING COMPONENTS
MADE OF IS 1030; IS 2707; DI; SS310; SS 304;SS 316.**



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**WEAR RESISTANT COMPONENTS MADE OF ASTM A 532;
IS 4771.**



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COMPONENTS MADE AS PER MANGANESE STEEL IS 276



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CASTING PICTURES

**PUMP & OTHER COMPONENTS MADE OF IS1030; DI; SS310; SS 304;
SS 316; CD4MCU; ASTM A890 5A.**

