



COMPANY PROFILE



S.S.A CASTINGS INDIA PRIVATE LIMITED

ALLOY STEEL FOUNDRY



INTRODUCTION

SSA Castings India Private Limited is a leading steel casting foundry in Coimbatore, India.

We manufacture and Supply Castings in Carbon Steel, Alloy Steel, Stainless Steel, Duplex Steel and Nickel Based Alloys for Valve, Pump and Engineering Products. These products cater to Power, Oil, Gas, Petrochemical, Sugar, Mining, Fertilizer, Earth moving and Paper & Pulp industries.

OUR STRENGTH

Superior Quality Products

On Time Delivery

Competitive Price

Outstanding Customer Service

CAPACITY

Annual Capacity	1200 MT
Single Piece weight max	800 kg
Weight Range	15 kg to 800 kg
Material Grades	Carbon steel, Alloy steel, Stainless, Duplex, Super Duplex steel and Ni based alloys.





FACILITY

Total Area	5000 Sq meter
Installed Power	740 KVA
Captive Power	625 KVA Power Generator 200 KVA Power Generator, 65 KVA Power Generator
Furnace	450 KW medium frequency furnace with 500 Kg Crucible 1 no And 1500 Kg Crucible 1 no
Moulding	Complete facility for Co ₂ Process hand moulding Co ₂ and 3 Part Oil Process (air set) for core.
Pattern shop	We have well Equipped Pattern shop for maintaining all kinds of Pattern with CAD/CAM facility.
Heat Treatment	2.5 MT Electric Heat treatment Furnace with moving bogie with Quenching Tank. 4MT Heat Treatment Furnace with moving bogie. Furnaces are Calibrated to API 6A- annex P under IBR and TUV India for maximum 1200°C.
Fettling	In house Fettling shop with 500 kgs Shot blasting, 4 swing frame grinding m/c's, 20 hand grinding m/c's, 6 welding Rectifiers with air gauging facilities, Acid Pickling, Passivation facility and 1 TIG Welding M/C
Machining	Machining facilities available to machine the castings.



SPECIFICATION (Grades)

Carbon Steel	ASTM A216 Gr WCB, WCC, WCB/WCC Dual Certified, WCB with Impact in -29°C En10213 1.0619, 1.0625, BS 3100 Gr A2, A5, EN 8, BZNIC IS 1030, IS 2707
Carbon Steel (For Low Temperature Application)	ASTM A352 Gr LCB, LCC & 1C, LCB/LCC dual Certified EN 10213 1.6220
Low Alloy Steel	ASTM A 217 Gr WC5, WC6, WC9, C5, C12 ASTM A487M Gr 4D (75K), 4C (60K) EN 10213 1.7357, 1.7379 EN 19, GS 42CrMo4, GS26CrMo4, GS34CrNiMo6
Martensite Stainless Steel	ASTM A217 Gr CA15 ASTM A352/A743 Gr CA6NM, A747, CB7cu1
Stainless Steel	ASTM A351 Gr CF3, CF3M, CF8, CF8M, CG3M, CK20 CF3/ CF8 Dual Certified, CF3M/CF8M Dual Certified EN 10213 1.4308, 1.4408, CF8C
Duplex, Super Duplex Steel	ASTM A890/A995 Gr 4A, 5A, 6A CD4MCuN
Nickel Based Alloys	CW6MC (Inconel 625)

Note : Any grades ASTM, DIN, IS, JS, EN based on the customer requirements can be casted.

PRODUCT

Valves

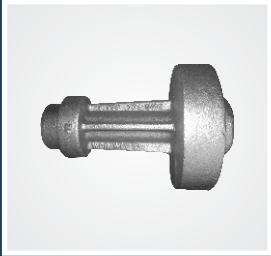
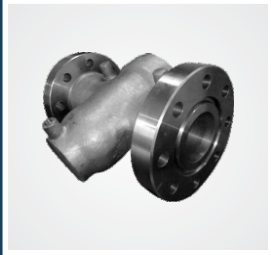
Type	Item	Size	Pressure Range
Gate Valve	Body	2" to 24"	ANSI 150 - 4500 DIN Pn16 - 420
Globe Valve	Bonnet		
Swing check Valve	Disc		
Control Valve	Adapter		
knife Edge Gate Valve	Ball		
Safety Relief Valve	Cage		
Ball Valve	Plug		
Plug Valve	Yoke		
Butterfly valve	Expander		
	Reducer		

Pump

Casing	Wear Ring
Impeller	Suction cover
Stuffing Box	Gland
Wear Plate	

Engineering Products

Engine Housing	Mounting Bracket
Gear Box Housing	Cage & cage Plate
Bearing Housing	Helical Gear
Planet Carrier	Bevel Gear
Input & Output Bracket	Gear Wheel





Value Addition

We supply fully machined and Proof machined castings based on customer requirements.

We can also execute sub-assemblies of valve and other engineering components as per customer requirements.

Quality & Testing

SSA Castings India Private Limited has a comprehensive quality assurance policy and quality control team. Our Quality Lab Facilities are as follows,

- * Spectrometer with 21 Elements including N₂
- * Wet Laboratory for chemical analysis
- * Computerised Universal testing machine with extenso meter 40 ton capacity
- * Impact testing machine 300J
- * Hardness testing machine 3000 kgs (BHN)
- * Ultrasonic thickness gauge
- * IGC testing facilities for Practice A,B,C,D & E
- * Sand Testing facilities.
- * Surface table with all measuring instruments for dimension inspection.

NDT Testing

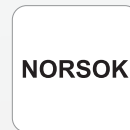
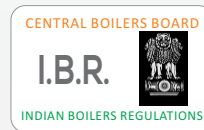
Magnetic particle testing (wet and dry)
(Florescent & Non Florescent)

Ultrasonic testing

Die penetrant testing

Radiography Test - (out sourced)

Recognitions



ISO 9001 : 2008 FOR Quality Management System by TUV NORD, Germany
AD-MERKBLATT W0 for Product by TUV NORD, Germany
PED 97/23/EC Approved for Product by TUV NORD, Germany
IBR Approved Foundry
NORSOK - ASTM A 995 Grade 4A
"Best Foundry Award" from IIF Year 2014 - 2015



Our Client List Includes



Reg. Office :
10-C Vaigai Street,
Sri Kamadhenu Nagar,
Avarampalayam,
Coimbatore - 641 006
Tamil Nadu, India

Factory :
Plot No. 90-C,
Cosmafan Foundry Cluster Park -1,
Arasur,
Coimbatore - 641 407,
Tamil Nadu, India.

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