



S.S.A Castings India Private Limited

(Alloy Steel Foundry)

Company Profile

Introduction

SSA Castings India Private Limited is a Leading **Steel Casting Foundry** in Coimbatore, India, Established in 2007.

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.**

Contact Us

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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 steel, Duplex steel and Ni based alloys.

Facility

Total Area	5000 Sq meter
Installed Power	740 KVA
Captive Power	625 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 Co2 Process hand moulding Co2 and 3 Part Oil Process (air set) for core.
Pattern shop	We have well Equipped Pattern shop for manufacturing and maintaining all kinds of Pattern with CAD/CAM facility.
Heat Treatment	2.5 MT Electric Heat treatment Furnace with moving Bogie with Quenching Tank. 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, 16 hand grinding m/c's, 4 welding Rectifiers with air gouging facilities and Acid Pickling and Passivation facilities.
Machining	In house machining facilities available to machine up to 8" body and bonnet, Gage, Rod etc.



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Products

1. Valves

Type	Item	Size	Pressure Range
Gate Valve	Body	2" to 16"	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		

2. Pump	3. Engineering Products
<ul style="list-style-type: none"> a. Casing b. Impeller c. Stuffing Box d. Wear Plate e. Wear Ring f. Suction Cover g. Gland 	<ul style="list-style-type: none"> a. Engine Housing b. Gear Box Housing c. Bearing Housing d. Planet Carrier e. Input & Output Bracket f. Mounting Bracket g. Cage & Cage plate h. Helical Gear i. Bevel Gear j. Gear Wheel



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Specification (Grades)

Carbon Steel	. ASTM A216 Gr WCB, WCC . EN10213 1.0619, 1.0625 . IS1030, IS2707 . BS3100 Gr A2, A5 . EN8
Carbon Steel (For Low temperature application)	. ASTM A352 Gr LCB, LCC & 1C . EN10213 1.6220
Low Alloy Steel	. ASTM A217 Gr WC5, WC6, WC9, C5 . ASTM A487M Gr 4D (75K), 4C (60K) . EN10213 1.7357, 1.7379 . EN19, GS42CrMo4
Martensite Stainless Steel	. ASTM A217 Gr CA15 . ASTM A352/A743 Gr CA6NM
Stainless Steel	. ASTM A351 Gr CF3, CF3M, CF8, CF8M . EN10213 1.4308, 1.4408
Duplex Steel	. ASTM A890/A995 Gr 4A, 5A,6A . CD4MCuN
Nickel based Alloys	. CW6MC (Inconel 625)

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

Value Addition - (Machining)

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

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



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Quality and Testing





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

- * Spectrometer with 21 Elements including N2
- * Wet Laboratory for chemical analysis
- * Universal testing machine with extensometer 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)
- * 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



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Our client list includes

Domestic	L&T Valves	MIL A KSB Company • KSB	
International	SEVERN GLOCON GROUP	VALVEWORKS USA	

Product Photos

