

Investment casting sand casting of Steel & Alloy steel...

Our Aim Is To Put ☺ On Customer Face...



No Commitment... No Excuse...
Only On Time Quality Products...



Sanjivani
Casting Pvt. Ltd.



Sandori
Castings Pvt. Ltd.

www.sanjivanicasting.com
www.sandoricastings.com
www.helioscastings.com



Helios
Syscom Pvt. Ltd.



Sanjivani
Casting Pvt. Ltd.

Investment & Sand Castings...

Sanjivani
Casting Pvt. Ltd.

Company Profile

With pleasure we introduce ourselves at **Sanjivani Casting Pvt. Ltd.**, **Sandori Castings Pvt. Ltd.** and **Helios Syscom Pvt. Ltd.**, are powered by a young and dynamic team led by the most respected and experienced personnel in the foundries.

Well known as global leader for manufacturing and supplying a wide range of high performance, critical & safety components for the valves, pumps, general engineering, automotive & non-automotive sector castings for Stainless Steel, Carbon Steel, Duplex Steel, Super Duplex Steel and Supper alloy steel Investment / Sand Castings with world class quality, on time delivery and cost effectiveness through implemented and maintained different latest international standards with monitoring – measurement of processes with lean manufacturing principles towards continual improvement. It's fully equipped with CNC / VMC machining capability inhouse.

Our Work Environment is Free From Hazard, Injury, Accident and Excellent Ergonomic.

This The Place where Customer Perception is High!!!



www.sandoricastings.com



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Infrastructure

Manufacturing Facilities

Sr.	Description	Qty.
01.	Wax Injection Press Set	20
02.	Wax Melting Machine	02
03.	Wax Extrusion Press Hydraulic	02
04.	Hot Plate	04
05.	Slurry Mixture Jar Mill 1HP	02
06.	Slurry Coating Machine	08
07.	Sand Raining Zircon Machine	02
08.	Sand Fluidized Machine Bed	04
09.	Shell Transfer Trolley	80
10.	Dewaxing Autoclave Boiler	02
11.	Shell Backing Oil Fire Furnace	03
12.	Induction Melting Furnace	06
13.	Crucible 500 Kg. x 2, 300 Kg. x 2, 150 Kg. & 100 Kg.	06
14.	Heat Treatment Furnace As per API6A	04
15.	Vibrating Knockout Machine	03
16.	Hydraulic Straightening Press	03
17.	Sand / Shot Blasting Machine	02

Sr.	Machining Facilities	Qty.
01.	CNC Machine 200 Dia	06
02.	CNC Machine 350 Dia	04
03.	VMC Machine 750 x 750 x 1000	02
04.	VMC Machine with 4 - Axis	02
05.	VMC Machine 1000 x 600 x 600	01
06.	VTL Machine 750 Dia	03
07.	HMC Machine 1600 x 800 x 800	01
08.	VMC Machine 1000 x 600 x 600	01

Inspection & Testing Facilities

Sr.	Description	Qty.
01.	CMM	01
02.	Height Gauge	06
03.	Dial Vernier Caliper	18
04.	Digimatic Caliper	04
05.	Vernier Depth Gauge	04
06.	Dial Gauge & Stand	06
07.	Magnetic Stand, V Block	08
08.	Surface Plates	08
09.	Inside / Outside Calipers	04
10.	Radius Gauges	04
11.	Universal Vice	04
12.	Marking Blocks	02
13.	Surface Roughness Tester	01
14.	Micrometer	03
15.	Thickness Checking Gauge	02

Physical Testing Facilities

Sr.	Description	Qty.
01.	Universal Testing Machine	02
02.	Impact Testing Machine	02
03.	Hardness Testing Machine	02
04.	Penetrant Test	02
05.	Hydro Leakage Test	02
06.	Intergranular Corrosion Test	01
07.	Radiography Test	03
08.	Microscope	02
09.	Polishing Machine	02

Chemical Testing Facilities

Sr.	Description	Qty.
01.	Wet Analysis Lab	01
02.	Spectro Meter	02





Quality Certification



QMS

DIN EN ISO 9001 : 2015
ISO / TS 16949
DIN EN ISO 14001 / 18001 (under implementation)
AS 9100 (under implementation)



Quality / Product Assurance

PED 2014 / 68 / EU
AD 2000-Merkblatt W0



Marine Approval

Lloyds (LRS)
Bureau Veritas (BV)
Germanshier Lloyds (GL)
Korean Register
ABS Marine



NORSOKE

Norsoke M-650



Third Party Witness Calibration

Universal Testing Machine
Impact Testing Machine
Heat Treatment Furnace



Welder Qualification

Austenitic Stainless Steel (as per ASME/EN/NACE)
Carbon Steel (as per ASME/EN/NACE)
Tempered Martensitic (as per ASME/NACE)
Duplex Steel (as per ASME/EN/NACE)
Ni Base Alloys (as per ASME/EN/NACE)



Personnel Competency

NDT : LPT Level-II as per ASNT
NDT : MPI Level-II as per ASNT
NDT : RT Level-II as per ASNT
NDT : UT Level-II as per ASNT
NDT : RT Level-II as per ASNT/EN
NDT : VT Level-II as per ASNT
QMS : Lead Auditor ISO 9001
QMS : Safety Officer
QMS : Welding Supervisor
QMS : Internal Auditors ISO/TS : 16949
QMS : Internal Auditors ISO 9001,14001,18001

Others:

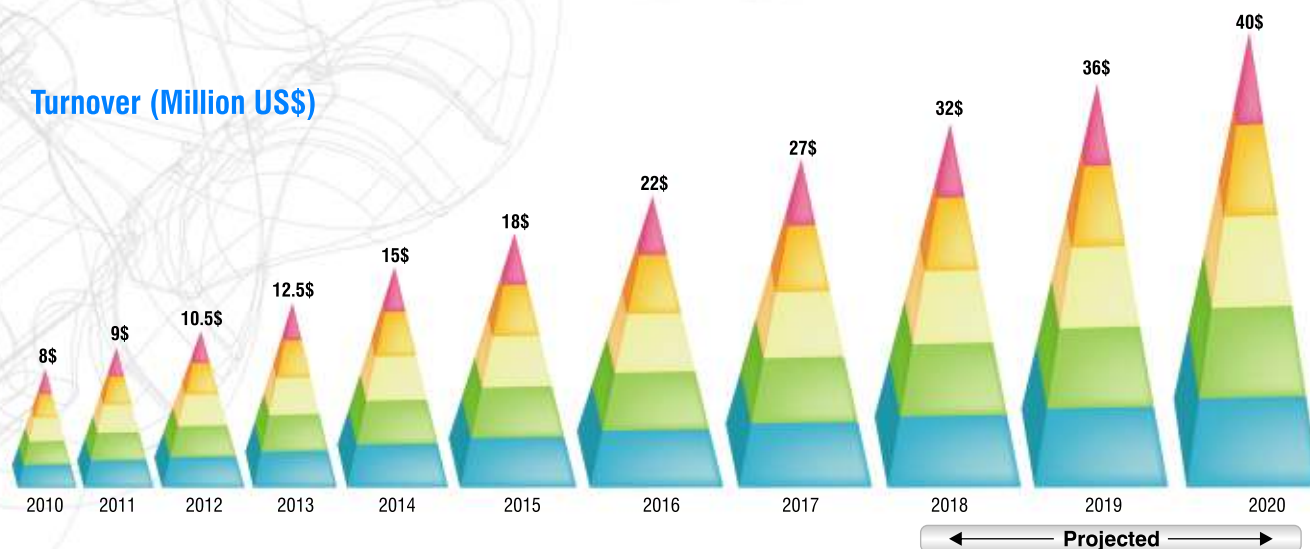
01. 6S
02. Kaizen
03. KANBAN
04. OEE
05. FMEA
06. PPM
07. APQP
08. PPAP
09. SPC
10. MSA
11. 8D
12. Lean Mfg.



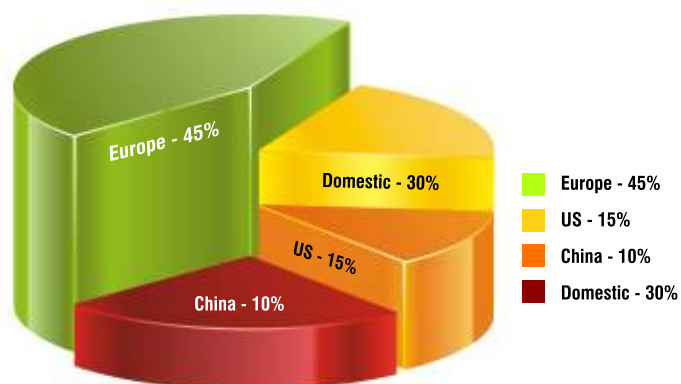


Achievements

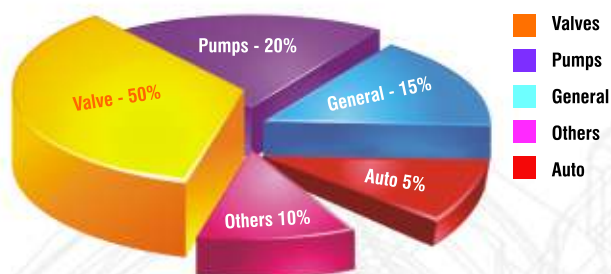
Turnover (Million US\$)



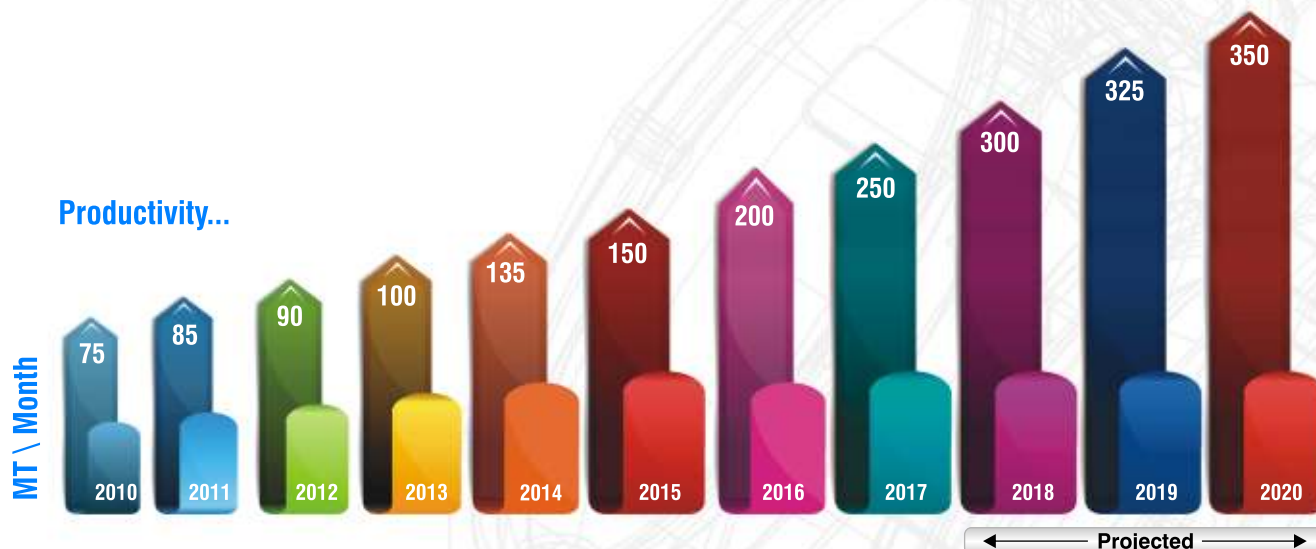
We Exports to...



Field of Products (%)...



Productivity...



Our Aim Is To Put 😊 On Customer Face...





Helios
Syscom Pvt. Ltd.

Investment & Sand Castings...



Company Profile

Helios Syscom Pvt. Ltd. is new venture of Sanjivani Group of companies.

Our plant is effectively established with modern technologies as well as fully equipped with CNC machining capability. We are manufacturer and supplier of various type of sand castings for stainless steel, carbon steel, duplex steel, super duplex steel and nickel base alloys / grey cast iron and ductile iron also. Our core competency is on-time delivery and cost effectiveness through implemented latest international standards, customer specifications and monitoring – measurement of processes towards continual improvement.

Capabilities

Man: Our greatest strength is the ability to understand the client's requirements; our success is very much attributed to our strong teamwork.

- **Production Capacity :** 3600MT/Annum
- **Min. Wall Thickness :** 10 mm
- **Machining Surface Roughness :** Up to 0.4 Ra
- **Weight / Piece** 850kg Max.
- **NDT :** RT | LPT | MPI | UT
- **Inspection Capability :** Up to 0.0001mm
- **Size:** 1200 x 1200 x 1200mm. Max.
- **Machining facilities :** HMC, VMC, CNC
- **Machining Size Capacity :** 600 mm Dia, 500 mm Height



Material

- Austenitic Stainless Steel • Carbon Steel
- Duplex & Super Duplex Steel
- Ni-Base Alloys • SG Iron • Ductile Iron (CI)





Quality Certification



QMS DIN EN ISO 9001 : 2008



Boiler Regulations Approval
 Indian Boiler Regulations 1950



Personnel Competency
 NDT : LPT | MPI | RT | UT | RT



Quality Assurance
 PED 2014/68/EU
 AD 2000-Merkblatt W0



Third Party Witness Calibration
 Universal Testing Machine
 Impact Testing Machine
 Heat Treatment Furnace



Welder Qualification
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 Duplex Steel (as per ASME/EN/NACE)
 Ni Base Alloys (as per ASME/EN/NACE)



Marine Approvals
 Norsoko Approval



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08.	VMC Machine 1000 x 600 x 600	01

Testing Facility

- Sand Testing Analysis
- Spectrometer
- Chemical Analysis
- Mechanical Testing
- Impact Testing
- Hardness Testing
- Micro Structure Examination
- Corrosion Test

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www.helioscastings.com



Capabilities

Man: Our greatest strength is the ability to understand the client's requirements; our success is very much attributed to our strong teamwork.

- **Weight / Piece** 150kg Max.
- **Min. Hole Size :** 4 mm
- **Pressure Test :** Up to 6000 psi
- **Size:** 300 x 450 x 550mm. Max.
- **NDT :** RT | LPT | MPI | UT
- **Casting Surface Roughness :** Up to 6 Ra
- **Min. Wall Thickness :** 2 mm
- **Inspection Capability :** Up to 0.0001mm
- **Machining Surface Roughness**

600 mm Dia, 500 mm Height

DIN		ASTM/ASME									
DIN	A743/ SA743	A351/ SA351	A494/ SA494	A744/ SA744	A217/ SA217	A352/ SA352	Others	A890/ SA890	A995/ SA995	A216/ SA216	A747/ SA747
1.0619	CA6N	CF3	CZ100	CF8	WC1	LCA	EN-8	CD4MCuN	CD4MCuN	WCA	CB7Cu-1
1.0621	CA6NM	CF8	M35-1	CF8M	WC4	LCB	EN-9	CD3MCuN	CE8MN	WCB	CB7Cu-2
1.0625	CA15	CF3M	M35-2	CF8C	WC5	LCC	EN-18	CE8MN	CD6MN	WCC	
1.3757	CA15M	CF8M	CY40	CF3	WC6	LC1	EN-36C	CD6MN	CD3MN		
1.4027	CA28MWV	CF3MN	M30H	CF3M	WC9	LC2	EN-36A	CD3MN	CE3MN		
1.4107	CA40	CF8C	M25S	CG3M	WC11	LC3	AISI 8620	CE3MN	CD3MWCuN		
1.4301	CA40F	CF10	M30C	CG8M	C5	LC4	AISI 8630	CD3MWCuN	CD3MWN		
1.4305	CB6	CF10M	N12MV	CN7M	C12	LC9	SS 317L	CD3MWN			
1.4308	CB30	CH8	N7M	CN7MS	C12A	CA6NM					
1.4309	CC50	CH10	N3M	CN3MN	CA15						
1.4317	CE30	CH20	CW12MW	CK3MCuN							
1.4362	CF3	CK20	CW6M	CN3MCu							
1.4392	CF3M	HG10MNN	CW2M								
1.4404	CF3MN	HK30	CW6MC								
1.4405	CF8	HK40	Cu5MCuC								
1.4408	CF8C	HT30	CX2M								
1.4409	CF8M	CF10MC	CX2MW								
1.4458	CA10SMnN	CN7M	CY5SnBiM								
1.4462	CF16F	CN3MN									
1.4469	CF16Fa	CD4MCu									
1.4470	CF20	CG6MMN									
1.4517	CG3M	CG8M									
1.4529	CG6MMN	CE8MN									
1.4529	CG8M	CF10S-MnN									
1.4541	CG12	CT15C									
1.4552	CH10	CK3MCuN									
1.4580	CH20	CE20N									
1.4581	CK35MN	CG3M									
1.4931	CK3MCuN	CD3MWCuN									
1.5419	CK20										
1.6220	CN3M										
1.7218	CN3MN										
1.7357	CN7M										
1.7363	CN7MS										
1.7365	HG10MNN										
1.7379											
1.7706											
1.7720											
1.4057											
2.4686											
2.4856											
2.4660											

Metallurgical

Spectro Analysis,
Tensile at
0.2,0.5,
1.0 % proof test,
Impact Up to
196°C,
Hardness BHN,
HRC,HRB,HV,
Micro at 1000x,
IGC practice
A,B,C,E,F,
Pitting Corrosion
G48, G28





Sandori
Castings Pvt. Ltd.

Factory Tour



Helios
Syscom Pvt. Ltd.



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Products

Valves



Pumps



General Engg.



Automotives



Investment casting sand casting of Steel & Alloy steel...

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We Exports...



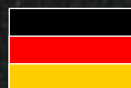
USA



UK



CANADA



GERMANY



SPAIN



ITALY



DENMARK



SWEDEN



NETHERLAND



POLAND



FRANCE



CHINA



FRANCE



RUSSIA



EUROPEAN UNION



SWITZERLAND



AUSTRALIA



MEXICO



IRELAND



IRAN



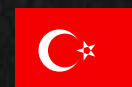
SAUDI-ARABIA



UNITED-ARAB-EMIRATES



AUSTRIA



TURKEY



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Email: sales@sanjivanicasting.com



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