



Feinguss ♦ Micro Fusionne

EXCEED YOUR VISION



ABOUT The Company



Amtech Technocast (ATC) is a versatile manufacturer, capable of producing highly customized products in the field of Investment Casting. Catering to quality-conscious niches, we compete against top-of-the-league. With a mission to deliver quality Investment casting products worldwide to the customers, our team is constantly developing new grades and applications to maintain and enhance our leading position. Consistent with the vision and values, Amtech Technocast strives to rise to the new challenges and setting new standards to celebrate the delight of our customers by providing best possible products. The means envisaged to achieve this are high technology, productivity and manpower, consistent with modern management practice.

WE Export To



UK



Australia



USA



Germany



Spain



Malaysia



Saudi Arabia



Netherlands



Canada



New Zealand

Industrial Valves & Pumps



Agriculture Parts



Food, Pharma & Beverage



General Engineering



Tools Parts



Railing Components

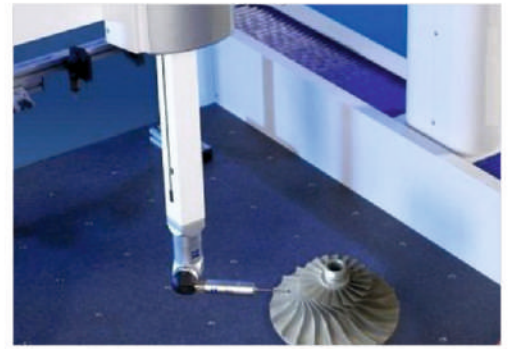


Railway Components

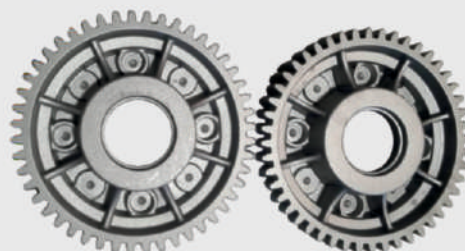


MACHINE SHOP Details

SR. NO.	MACHINE	MAKE	MODEL / SIZE	QTY.
1	CNC	ACE DESIGN	JOBRES XL (D=200 x L=300mm)	8
2	CNC	ACE DESIGN	MEGA JOBRES (D=200 x L=300mm)	4
3	VMC	JYOTI	850 (800 x 500 x 500mm)	1
4	VMC	JYOTI	1260 (1220 x 580 x 600mm)	1
5	VMC	ACE	MCV-450 (640 x 450 x 500mm)	1
7	Engraving Machine	Assembled	(350 x 250 x 500mm)	1
6	Drilling Machine	DYNAMIC	½" & 1"	4
7	Tapping Drilling machine	PARFECT	-	1
8	LATHE	-	-	3



MACHINED Components



GENERAL CASTING Tolerance

DIMENSIONS (mm)		PRECISION GRADE			
		NORMAL		PREMIUM	
From	To	Deviation + or -	Tolerance Range	Deviation + or -	Tolerance Range
	6	± 0,10	0,20	± 0,08	0,16
6	10	± 0,12	0,24	± 0,10	0,20
10	14	± 0,15	0,30	± 0,12	0,24
14	18	± 0,20	0,40	± 0,14	0,28
18	24	± 0,25	0,50	± 0,17	0,34
24	30	± 0,30	0,60	± 0,20	0,40
30	40	± 0,36	0,72	± 0,25	0,50
40	50	± 0,42	0,84	± 0,30	0,60
50	65	± 0,49	0,98	± 0,35	0,70
65	80	± 0,58	1,16	± 0,42	0,84
80	100	± 0,68	1,36	± 0,48	0,96

General Flatness tolerance is ± 0,25 up to 100 sq.mm of surface area.



TECHNICAL Capabilities

Sr No.	Material	Astm Specs	Grades	DIN	AISI
1	Carbon Steel	A 27/A 27 M A 216/A 216M A 356/A 356M A 732/A 732M A 148/A 148M A 757/A 757M A 217/A 217M A 352/A 352M A 389/A 389M A 356/A 356M	All Grades WCA, WCB, WCC 1, 2, 5, 6, 8 1A, 2A, 2Q, 3A, 3Q, 4A, 4Q, 5N, 7Q, 8Q, 9Q, 10Q, 12Q, 13Q, 14Q 80-40, 80-50, 90-60, 105-85, 105-85, 115-95, 135-125, 150-135, 160-145, 165-150, 165-150L, 210-180, 210-180L, 260-210, 260-210L A1Q, A2Q, B2N, B2Q, B3N, B3Q, B4N, B4Q, C1Q, E1Q, E2N, E2Q, E3N WC1, WC4, WC5, C5, C12, WC1 1 WC6, WC9, CA-15 LCA, LCB, LCC, LC1, LC2, LC3, LC4, LC9 C23, C24 1,2,5,6,8,9,10,12A	1.0619 1.0619+N 1.0619+QT 1.1138/1.5419 1.7356/1.7379 1.7363	1030/1020 1020
2	Ferritic Stainless Steel	A 743/A 743M	CB-30, CC-50		
3	Martensitic Stainless Steel	A 352/A 352M A 356/A 356M A 487/A 487M A 743/A 743M A 217/A 217M	CA6NM CA6NM CA15-A, CA15-B, CA15-C, CA15-D, CA15M-A, CA6NM-A, CA6NM-B, CA-15, CA-15M, CA6NM, CA-40, CA6N	1.4008 1.4028/1.4313	SS 410 SS 420
4	Austenitic Stainless Steel	A 351/A 351M A 743/A 743M A 744/A 744M A 447/A 447M A 297/A 297M	CF-3, CF-3A, CF-8M, CF-3MA, CF-8C, CF-10MC, CK-20, HK-30, HK-40, HT-30, CN-7M, CT-15C, CF-8C, CF-8A, CF-8M, CF-10, CF-10M, CG-8M, CH-8, CH-10, CH-20 CF-3, CF-3M, CF-3MN, CN-3M, CF-8, CG-12, CF-20, CF-8M, CF-16F , CH-20, CG-8M, CE-30, CF-8C, CN-7M, CN-7MS, CK-20, CA-6NM CF-3, CF-3M, CF-8C, CN-7M, CN-7MS, CF-8C, CN-7M, CN-7MS, Type-I, Type II HH, HK, HE, HT , HU	1.4308/1.4408 1.4306/1.4404 1.4409/1.4827 1.4431/1.4435 1.3964 1.4588/1.4527 1.4412/1.4317 1.4843/1.4500	SS304/SS316 SS 304 L SS 316 L SS 2205 Alloy 20
5	Duplex Stainless Steel	A 351/A 351M A 743/A 743M A 890/890 M	CD-4MCU CD-4MCUN GR-1A, GR-1B, GR-1CGR-2A, GR-3A, GR-4A, GR-5A, GR-6A	1.4460/1.4470 1.4462/1.4469 1.4468/1.4517	
6	Precipitation Hardened Stainless Steel	A 747/A 747M	CB7CU-1, CB7CU-2,	1.4525	SS 2507 SS 17-4 PH
7	Nickel-base Super Alloys	A 494/A 494M A 560	CW-12MW, CY-40, CZ-100, M-35-1, M-35-2, M-30C, CX-2M N-12MV, N-7M, CW -6M, M-25S, N3M, CY-4-D, CW12MW, CW-6MCCW-2M, CX-2MW, Cu5MCuC	2.4365 2.4816/2.4866 2.461/2.4856 2.4602/2.4858 2.4813	Monel Hast alloy B,C Inconel 625 Inconel 825 Inconel 718
8	Cobalt Base Alloy		STELLITE		

Other than above, in general we can cast any material compositions as per customers specification meeting to any of the standards i.e. EN, GHOST, JIS, IS etc.

QUALITY CONTROL Facility

Equipped with latest equipments to verify that all incoming as well as finished products are as per specifications. Operated by Qualified and experienced staff. We do online molten metal checks of every heat to meets customer's specification.

- Online Chemical test Sampling
- A sampling of in-house capabilities include
- In house Mechanical Testing
- Heat Treating
- In house mechanical testing
- Design Assistance
- Non-Destructive Testing
(ASNT LEVEL II APPROVED INSPECTOR IN RT, UT, MPT & LPT)
- Technical Assistance
- CMM (Make : Carl Zeiss)
Accuracy 2 Micron



Spectrometer
ARL-3460 OES (Fe, Ni & Co base)

Our Capability

Single Piece Size	: 750x750x600mm
Single Piece Weight	: 25 Gms. to 100 Kgs.
Production	: 60 MT/Month
Spare	: 40 MT/Month
Land Area	: 6400 Sq.Meters (Built up), 6400 Sq.Meters (Expandable)



Tensile Testing Machine 20 Tons Cap.
Calibration under TUV witness
(Cast Speciman from each heat tested mechanically)

IMPORTANT PRODUCTION Machines

- 35 Ton Automatic Injection Machines
- 300 X 2 Kg Melting Induction Furnace (450 Kw)
- Steam Autoclave Dewaxing
- Rotary Hearth Shell Sintering Furnace
- 1 Ton Capacity Heat Treatment Furnace
- Leak Testing Machine
- Glass bead blasting Machine
- Measuring Instruments from Mitutoyo and Mahr make.
- In house machine shop



Hardness Tester



Impact Testing Machine

Calibration under TUV witness
(Testing temp.up to-196 °C)



CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

Amtech Technocast
Survey No. 54-P2, Plot No. 01, At.: Pipaliya
Tal. Gondal, Dist. Rajkot - 360 311, Gujarat, India
has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/2390/19
File No.: 811 764 9541

Production site: **See above.**

The scope of approval is available in the annex scope of approval.

The company fulfils the following essential requirements:
Facilities for appropriate manufacturing and testing, appropriate procedures for manufacturing of the products, qualified personnel for manufacturing and testing of the products and a quality management system with appropriate records, which ensures proper manufacture of the products, as well as compliance with the requirements specified in the material specification.

This certificate is valid until

November 2022

Essen, 2019-11-08

Annex: scope of approval

Conventional Power Plants
Langenmarkt: 20
45141 Essen

Phone: 201-825-2722
Fax: 201-825-2858
E-Mail: DNiekamp@tuv-nord.de

Niekamp
TUV NORD Systems GmbH & Co. KG,
Grosse Behnstraße 31, D-22525 Hamburg

874-25-AD2000-W0-2019-11-08, Rev. 10, 2019-05



CERTIFICATE

Quality-Assurance System for material manufacturer
according to Pressure Equipment Directive 2014/68/EU

Certificate no.: 07/202/1409/WZ/2390/19

Name and address
of the manufacturer:

Amtech Technocast
Survey No. 54-P2, Plot No. 01, At.: Pipaliya
Tal. Gondal, Dist. Rajkot – 360 311, Gujarat, India

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval.

Approved acc. to directive
2014/68/EU:

QA-System in relation to materials,
EN 764-5, section 4.2 and AD2000-Merkblatt W0

Certification file no.:

811 764 9541

Audit report file no.:

811 736 6148

Scope of approval:
(product / material)

Investment Castings

Production site:

**Survey No. 54-P2, Plot No. 01, At.: Pipaliya, Tal. Gondal,
Dist. Rajkot – 360 311, Gujarat, India**

The certificate is valid until:

November 2022

Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Essen, 08.11.2019

Notified Body (0045)
for Pressure Equipment
Niekamp
TUV NORD Systems GmbH & Co. KG,
Grosse Behnstraße 31, D-22525 Hamburg

Annex: Scope of Approval

Conventional Power Plants
Langenmarkt: 20
45141 Essen

Phone: +49 (0) 201-825-2722
Fax: +49 (0) 201-825-2858
e-mail: DNiekamp@tuv-nord.de

Member of



Certificate QA material manufacturer_PED_eng_Rev.04_2019-05



CERTIFICATE

Management system as per
ISO 9001 : 2015

In accordance with TÜV NORD CERT procedures, it is hereby certified that

AMTECH TECHNOCAST
Survey No.: 54/2, Plot No.: 1,
Near Toll Plaza, Bharudi Road,
At- Pipaliya, Ta- Gondal,
Dist- Rajkot - 360 311, Gujarat,
India



applies a management system in line with the above standard for the following scope

Manufacture and Supply of Investment Casting

Certificate Registration No.44 100 19282469
Audit Report No. 2.5-9275/2019

Valid until 28.06.2022

Certification Body

at TÜV NORD CERT GmbH

Issue 28.06.2019
Place : Mumbai

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures & shall be valid subject to regular Surveillance Audits.

TÜV NORD CERT GmbH

Langenmarktstrasse 20

45141 Essen

www.tuv-nord-cert.com

TÜV India Pvt. Ltd., 801,

Rajajya Plaza – 1, L.B.S. Marg,

Ghatkopar (W), Mumbai - 400 084, India

www.tuv-nord.com



INDUSTRIES We Serve

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- ▶ Industrial Valves And Pumps
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- ▶ Power Plant
- ▶ Prototype Service
- ▶ Pump & Impellers
- ▶ Railway Components
- ▶ Textiles Machine Components



Survey No. 54-P2, Plot No. 01, Near. Toll Plaza, B/h. Tulsi Agro, Bharudi Road,
Village: Pipaliya, **Taluka:** Gondal, **Dist.** Rajkot - 360 311 (Gujarat, India)

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