

WEL-COME
TO
PRARTHANA TECHNICAL SERVICES
PRIVATE LIMITED

Registered office : Survey no. 13, plot no. 11,Nr. Payal Metal shapar – Veraval, Rajkot
Works : Survey no.246, Plot No4, BHOOMI INDUSTRIAL AREA, BH. WELDOR,
VERAVAL (SHAPAR) -
360024 TAL.: KOTDA SAGANI, DIST. : RAJKOT
(GUJARAT) INDIA.

E-mail : info@prathanandt.com,ptsaugust2012@gmail.com
web site : www.prathanandt.com

AN ISO 9001 : 2015 CERTIFIED

PRARTHANA T S PLTD

Location :-

PRARTHANA is located in
thewestsideof

India, State Gujarat

Nearest Domestic Airport : Rajkot (RAJ) 17KM

Certificate of Registration



The Governing Board of
Progressive International Certifications Limited
hereby grant to:

PRARTHANA TECHNICAL SERVICES PVT. LTD.

Address to which this Certificate refers:

**SURVEY NO. 13, PLOT NO. 11, NEAR NARMADA RING PVT. LTD.,
OPP. PAYAL METAL, SHAPAR (VERAVAL), RAJKOT - 360024,
GUJARAT - INDIA.**

(Here in after called the Registered firm) the right to be listed in the Directory of Registered firm in respect of the services listed below. These services shall be offered by the Registered firm at or from only the address given above in accordance and compliance with

**QUALITY MANAGEMENT SYSTEM
ISO 9001:2015**

Approved Scope to which this Certificate refers

**NON - DESTRUCTIVE TESTING SUCH AS RADIOGRAPHIC
TESTING, ULTRASONIC TESTING, MAGNETIC PARTICLE TESTING,
DYE PENETRANT TESTING, CASTING MANUFACTURING AND
HEAT TREATMENT.**

Registration No. : PICLQMS/03167226
Certificate Issue Date: 01.03.2016
1st Surveillance: 03.2017

Certificate Expire Date: 28.02.2019
2nd Surveillance: 03.2018

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Head of Certificate



This Certificate of Registration is granted subject to the Regulations approved by the Board,
PROGRESSIVE INTERNATIONAL CERTIFICATIONS LTD.
Prakruti, Plot No. 03, Sector 21 Kharghar, Navi Mumbai - 410216, India.
Ph. +91 8088991139, E-mail: info@progressiveid.com, Website: www.progressiveid.com
For current validity of this certificate. Please visit our website

Nearest International Airport : Ahmadabad (ABD) 225KM

Nearest Seaport : Kandla 250KM

Company Detail's

+ Quality :

Mr. NAYAN H VYAS (Director - TECHNICAL) 7600454991

+ Marketing :

Mr. JAYESH PATEL (Director - MARKETING) 9723536743

✚ Notes :

All the documentation related quarries mailing to info@prarthanandt.com OR ptsaugust2012@gmail.com

Web Site : www.prarthanandt.com

Company Detail's

- **Quality Certificate :** ISO 9001 : 2015 • **Established Year :** 2014 • **Plant Area :**

TOTAL AREA	COVERED AREA	OPEN AREA
8500 Sq. ft.	6700 Sq. ft.	1800 Sq. ft.

- **Production Capacity** : 1500 M.T/ Annum
- **Job Handling Capacity** : From 1.0 kg. to 1500 kg. as single piece
- **Materials Offered** : SS,MS,MN STEEL,CI,SGI –All ferrous grade sand castings under the one roof.

- **About us :**

Established in 2014, PRARTHANA has since been a significant and diligent participant in the producing superior quality castings for many an industry.

PRARTHANA has shown an astounding growth rate, growing to about 150 times its original size to reach its current capacity of 1500 MT/Yr.

PRARTHANA has diversified into various other industries to increasingly fulfill their casting needs..

Climbing its way up the ladder of competition, PRARTHANA's focus continues to be on meeting international standards of quality at competitive prices.

- Given the exacting production processes and the distinct identities and attributes of the final product, the Company moved towards accordance with ISO Standards in 2014.

- Despite its high degree of documented certification, PRARTHANA continues to nourish its grass root principles of continually maintaining high standards of precision and quality. PRARTHANA currently supplies components to a wide spectrum of customers and is committed to satisfy the varying and diverse customer requirements. Having been accustomed to variety and challenges prarthana is incessantly on the look out for even more exacting products.
- **Infrastructure :**
The company has a modern infrastructure comprising Research and Development Facilities. We are capable for

offering customized solutions the clients. Besides, we make use of high-grade packaging materials ensuring easy and smooth delivery. The USP of our infrastructure lies in our Plant and Machinery, Sand Testing Instruments and Mechanical Lab & Chemical Lab for continues improving quality.

- **Quality Assurance :**

In order to supply Industrial Castings and Casting Parts with superior quality, the company is well-equipped with a Spectro Lab which is used to test the products. The raw material used by the company in the manufacturing of its products consists of CRC and Pig Iron. We deliver our

products in excellent quality packaging material and offer customized packaging to the customers.

List of Machinery

Sr. No.	Description	Makes	Qty. (Pcs)
1	Medium Frequency Induction Furnace (IGBT)	Electrotherm India Ltd.	01
2	Crucibles – 500KG & 2000 KG	Electrotherm India Ltd.	01
3	Treatment Ladles –	Bhagyalaxmi Industries	01
4	Green Sand Miller Machine	Bhagyalaxmi Industries	01

5	HandMoulding Machine	Shree Ram Industries	02
6	Core Sand Mixer	Bhagyalaxmi Industries	01
7	Air Compressor - 10 HP	Inndosol	01
8	Electric Crane – 3 MT	Madhuvan Welding Works	01

List of Inspection & Testing Facility

Sr. No.	Description	Makes	Qty. (Pcs)
1	High Precision Optical Emission Spectrometer	V- Analytic Systems	01

2	Policing Machine	Bhagyalaxmi Industries	01
3	Universal Sand Testing – Impact testing machine	Kelson Equipment	01
4	Sieve Analysis Appratus	Kelson Equipment	01
5	Mould Hardness Tester	Kelson Equipment	01
6	Core Hardness Tester	Kelson Equipment	01
7	Compability Tester	Kelson Equipment	01
8	Permeability Tester	Kelson Equipment	01
7	Universal Tensile Testing With Hardness Tester (Combine)	FINE	01
8	Metallurgical Microscope	Optex India	01

9	Digital Height Gauge	Mitutoyo	01
10	Digital Vernier Caliper	Mitutoyo	01

Ductile Iron Casting Grades

Mechanical Properties

Grades	Tensile Strength (RM) N/mm ² min.	0.2% proof stress (Rpo.2) N/mm ² min.	Elongation (A) % min.
EN-GJS-400-18LT1	400	240	18
EN-GJS-400-LT2	400	250	18

EN-GJS-400-18	400	250	18
EN-GJS-400-15	400	250	15
EN-GJS-450-10	450	310	10
EN-GJS-500-7	500	320	7
EN-GJS-600-3	600	370	3

EN-GJS-700-2	700	420	2
EN-GJS-800-3	800	480	2
EN-GJS-900-2	900	600	2

Grey Iron Casting Grades

Tensile Strength in separately cast sample

Grade	Rm N/mm² min
EN-GJL-150	150
EN-GJL-200	200
EN-GJL-250	250

AND MANY MORE SS AND ALLOY GRADES AS PER CODE



Knockout Yard with Electric Panal Board View



Knockout Yard with Press Moulding View

GRADE HANDLE

- Material Handled
- We can produce any Special Metal Compositions as per Customer's Specification or International Standard Specifications like IS, ASTM, AISI, SAE, DIN, EN, GHOST, JIS.
- Some of the regular Metals that we handle regularly are listed below.

• Sr. No. Material ASTM Specification Grades DIN AISI

•	1	Carbon Steel	A27 / A27 M	All Grade		
•			A216 / A216M	WCA, WCB, WCC	1.0619	1030 / 1020
•			A356 / A356M	1, 2, 5, 6, 8	1.0619 + N	1020
•			A732 / A148M	1A, 2A, 2Q, 3A, 3Q, 4A, 4Q, 5N	1.0619 + QT	
•				7Q, 8Q, 9Q, 10Q, 12Q, 13Q, 14Q	1.1138 / 1.5419	
•			A148 / A148M	80-40, 80-50, 90-60, 105-85, 115-95		1.7356 / 1.7379
•				135-125, 150-135, 160-45	1.7363	
•				160-150, 160-150L, 210-180		
•				210-180L, 260-210, 260-210L		
•			A757 / A757M	A1Q, A2Q, B2N, B2Q, B3N, B3Q, B4N		
•			A217 / A217M	WC1, WC4, WC5, C5, C12, WC11,		
•				WC6, WC9, CA-15		
•			A352 / A352M	LCA, LCB, LCC, LC1, LC2,		
•				LC3, LC4, LC9		
•			A389 / A389M	C23, C24		
•			A356 / A356M	1, 2, 5, 6, 8, 9, 10, 12A		
•	2	Ferritic	A743 / A743M	CB-30, CC-50		

- Stainless Steel
- 3 Martensitic A352 / A352M CA6NM 1.4008 SS 410
- Stainless Steel A356 / A356M CA6NM 1.4028/1.4313 SS 420
- A487 / A487M CA15-A, CA15-B,
- CA15-C, CA15-D, CA15M-A
- CA6NM-A, CA6NM-B
- A743 / A743M CA-15, CA-15, CA6NM
- A217 / A217M CA-40, CA6N
- 4 Austenitic A 351/A351 M CF-3M, CF-3A, CF-8M, CF-3MA,

GRADE HANDLE

- CF-8C 1.4308/1.4408 SS304/SS316
- Stainless Steel CF-10MC, CK-20, HK-30, HK-40 1.4306/1.4404 SS 304 L
- HT-30, CN-7M, CT-15C, CF-8C 1.4409/1.4827 SS 316 L
- CF-8A, CF-8M, CF-10, CF-10M 1.4431/1.4435 SS 2205
- CG-8M, CH-8, CH-10, CH-20 1.3964 ALLOY 20
- A 743/A 743M CF-3, CF-3M, CF-3MN, CN-3M 1.4588/1.4527
- CF-8, CG-12, CF-20, CF-8M, CF-16F 1.4412/1.4317

- CH-20, CG-8M, CE-30, CF-8C,
- CN-7M, CN-7MS, CK-20, CA-6NM
- A 744/A 744M CF-3, CF₃M, CF-8C, CN-7M,

- CN-7MS, CF-8C, CN-7M, CN-7MS,
- A 447/A 447M Type-I, Type-II
- A 297/A 297M HH, HK, HE, HT, HU, 1.4843/1.4517
- 5 DUPLEX A 351/A 351 M CD-4MCU
- Stainless Steel A 743/A 743M CD-4MCUN 1.4460/1.4470
- A 890/A 890M GR-1 A, GR-1B, GR-1CGR-2A 1.4468/1.4469
- CR-3A, GR-4A, GR-5A, GR-6A 1.4468/1.4517
- 6 Precipitation A 747/A 747M CB7CU-1, CB7CU-2 1.4525 SS 2507
- Hardened SS 17-4 PH
- Stainless Steel
- 7 Nickel-Base A 494/A 494M CW-12MW, CY-40, CZ-100, M-35-1 2.4365 Monel
- Super Alloys A560 M-35-2, M-30C, CX-2MN-12MV 2.4816/2.5686 Hast Alloy B,C
- N-7M, CW-6M, M-25S, N3M 2.461/2.4856 Inconel 625
- CY-4-0, CW12MW, CW-6MCCW-2M 2.4602/2.4858 Inconel 825
- CX-2MW, Cu5MCuC 2.4813 Inconel 718
- 8 Cobalt Base Alloy STELLITE

COMPANY PHOTOS VIEW

Sand Charno & Sand Magnet with Electric Crane –



COMPANY PHOTOS VIEW

3
MT

COMPANY PHOTOS VIEW



COMPANY PHOTOS VIEW

Fettling Yard



COMPANY PHOTOS VIEW

Administration Office With Laboratory

COMPANY PHOTOS VIEW



COMPANY PHOTOS VIEW



Instrument :- UTM / Hardness / Microscope / Sand

COMPANY PHOTOS VIEW

Instrument / Spectro
Front View of Company

COMPANY PHOTOS VIEW



COMPANY PHOTOS VIEW



Enter Gate / Parking of Company Office / Gallery / Sand

COMPANY PHOTOS VIEW

Stock Yard

COMPANY PHOTOS VIEW

Labour Quarter



COMPANY PHOTOS VIEW

Sand Miller / Core Machine / Moulding Box

COMPANY PHOTOS VIEW



Melting Yard

COMPANY PHOTOS VIEW

Core Shop Yard/ RM Enter Gate / PGVCL H.T.
Connection

COMPANY AIDED FACILITY

HEAT TREATMENT FACILITY

1 ton pit type THERMOCHEM furnace installed with data logger

.

NDT FACILITY

In house facility for all NDT testing

RADIOGRAPHY - with approved enclosure ULTRASINIC - modsonic

Estain II DGS

MAGNETIC PARTICLE

- MAGNAFLUX

DYE PENETRANT

- SOLVENT BASE

Die Casting Machined Parts



Auto Mobile Parts



Pump & Valve Parts



Crankshafts Parts




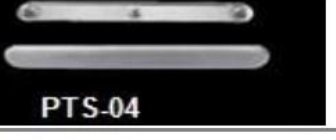



Engineering Parts



NEW DEVELOPMENT OF
TACTILE WARNING
INDICATOR PARTS (TGSI)

LIST OF TACTILE STRIPS, STUD AND HARDWARE READILY AVAILABLE

<i>PICTURE</i>	<i>ITEM NO.</i>	<i>MATERIAL</i>	<i>SIZE</i>	<i>PRICE/per piece(SHIPPING EXTRA)</i>
	PTS-01	304 & 316 Stainless steel	35*25*4.5mm	ON REQUEST
	PTS-02	304 & 316 Stainless steel (empty back side)	35*25*4.5mm	ON REQUEST
	PTS-03	304 & 316 Stainless steel	280*35*5mm 285*35*5mm	ON REQUEST
	PTS-04	304 & 316 Stainless steel	280*35*5mm 285*35*5mm	ON REQUEST
	PTS-05	304 & 316 Stainless steel +Carborundum	35*25*4.5mm	ON REQUEST

PLANNING FOR VISIT
THANKS YOU !!