



EXCELLENT

— ALLOYS —

**Plot No. 4 To 7, 16 To 20, Vivekanand Industrial Park, Kubalthal,
Near Indore Highway,
Ta. Daskroi, Dist. Ahmedabad – 382430, Gujarat.
E-MAIL : excellentalloys21@gmail.com**

COMPANY PROFILE

: SCOPE OF WORK :

SUPPLY OF AS CAST COMPONENTS OF CAST IRON, DUCTILE IRON AND ALLOY STEEL

: COMPANY INFORMATION :

TYPE OF ORGANISATION	:	PARTNERSHIP FIRM
GST NO	:	24AAIFE8256C1ZK
PAN NO	:	AAIFE8256C
YEAR OF ESTABLISHMENT	:	2021
NO. OF EMPLOYEES	:	< 50
WEEKLY OFF	:	TUESDAY
BANKER	:	CANARA BANK

:: DESCRIPTION OF PRODUCTION ACTIVITIES ::

ITEM MANUFACTURED	:	CASTING OF COMPONENTS
MATERIAL CASTED	:	DUCTILE IRON, CAST IRON AND ALLOY STEEL
JOB CAPACITY	:	SINGLE JOB CASTING UP TO 3000 KGS
PRODUCTION CAPACITY	:	TO PRODUCE 250 MT / MONTH
PAYMENT TERMS	:	AS PER QUOTATION
CONTACT PERSON	:	1. MAHESH PATEL - DIRECTOR (TECHNICAL) - 9426011696 2. HARDIK PATEL – DIRECTOR (ACCOUNT) – 9106482107

:: Casting Facility ::

Type Of Furnace	Capacity	Make
Induction Melting Power Trak Furnace	750 Kw	Inductotherm
Hydraulic Lift Type Crucible	2500 Kg	Inductotherm
Hydraulic Lift Type Crucible	1000 Kg	Inductotherm

:: Molding And Core Making Facility ::

Molding Facility	:	Nobake Plant By Continuous Sand Mixer Capacity : 15 Ton / Hr Core Sand Preparation : 2 Part Resin Process
Mould Handling Device	:	Molding Department : <ol style="list-style-type: none">1. Crane Capacity 15 Ton2. Crane Capacity 10 Ton3. Crane Weight Scale 10 Ton
Air Compressor	:	<ol style="list-style-type: none">1. 500 Cfm , 50 Hp Screw Compressor2. Automatic Air Dryer



:: FETTLING FACILITY ::

CRANE CAPACITY 15 TON	1 NOS
CRANE CAPACITY 10 TON	2 NOS
CRANE CAPACITY 7.5 TON	1 NOS
SWING GRINDER 10 HP	2 NOS
SHAFT GRINDER 2 HP	3 NOS
PNEUMATIC CHISEL	2 NOS

CHEMICAL AND METALLURGICAL TESTING :

SR.	TYPE OF INSTRUMENT	REMARK
1.	CE METER (SUYASH)	SUITABLE TO MEASURE CARBON AND SILICON FOR CI AND SGI BEFORE POURING
2.	SPECTRO METER (GNR – ITALY MAKE)	TO MEASURE CHEMISTRY OF 24 ELEMENTS OF CI AND SG IRON CASTING SAMPLE
3.	PYROMETER - 3 NOS (SUYASH + AJAY SYSCON)	PYROMETER TO MEASURE TEMPERATURE OF LIQUID METAL IN CRUCIBLE AND LADDLE WITH WIRELESS DISPLAY
4.	MICROSCOPE (INVERTED TYPE)	TO SEE THE MICROSTRUCTURE OF CAST IRON AND SG IRON WITH 100X TO 500X
5.	DOUBLE DISC POLISHING MACHINE	TO PREPARE THE SAMPLE FOR MICROSCOPE

PHYSICAL AND MECHANICAL TESTING

SR.	TYPE OF INSTRUMENT	REMARK
1.	HARDNESS TESTER	PORTABLE TYPE SUITABLE TO MEASURE HARDNESS ON JOB AT SITE WITH BRINELL AND ROCKWELL HARDNESS
2.	DIMENSIONAL INSPECTION	IN HOUSE TESTING FACILITY
3.	DYE PENETRATION TEST	IN HOUSE TESTING FACILITY
4.	ULTRASONIC TEST	JOB WILL BE CARRIED OUT BY US AT INHOUSE UT LEVEL – 2 CERTIFIED ENGINEER
5.	TENSILE TESTING	OUT SOURCING
6.	IMPACT TESTING	OUT SOURCING

QUALITY CONTROL PROCEDURE

- Practice Of Raw Material / Incoming Inspection And Identification.
- Practice Of Defining And Fixing Methoding Prior To Production Of First Piece To article And The Validate Methoding By Verifying Dimensional Report And Soundness Prior Routing Production.
- Record Of Each Test Bar Testing For Tensile Test, Spectro Analysis, Micro Structure And Other Also If Required.
- Record Of Each Heat And Maintaining Its Records With Digital And Printed Data Backup.
- Record Of Positive Identification Procedure To Link Each Single Casting With The Particular Heat.
- Material Test Certificate With Chemical And Physical Properties With Every Supply.
- Provide Test Bar With Supply On Request.
- Provide Test Report For Ndt On Request By Authorized Testing Agencies.



SYMBOL OF QUALITY

- Our policy is to manufacture castings that meet the requirements of our customers and ensure their satisfaction. Our objective is to continuously improve the quality of our castings through an effective quality system, technological improvement, cost effectiveness and employee development and involvement.
- We get motivation from our team , our people working at each level and Our Suppliers. The beauty of a family run- professional business set up is; you work together like a family and share the highs and lows together, We make things happen!

THANK YOU



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