



HARIOM PRECISION ALLOYS PVT LTD, ALWAR
ISO 9001:2015 & PED2014/68/EU CERTIFIED UNIT.

ITARANA ROAD, OPP EICHER TAFE FACTORY OLD INDUSRIAL AREA,
ALWAR - 301001 (RAJASTHAN) CONTACT NO: 0144-2702526

Email id: info@hpalcastings.com

Website: www.hpalcastings.com

MOB: 9351302501 (T.C VISHWAKARMA)

9928039398 (RITESH GUPTA)



We can cast your engineering imagination





HARIOM PRECISION ALLOYS PVT LTD

COMPANY PROFILE

- **HARIOM PRECISION ALLOYS PVT LTD**, has grown within short span of time by beginning in 1994 to its present day status. Today the company is a leading manufacturer **Ferrous** casting and machining components for Mining, Safety equipments, and Agri Machinery products. We specializes in of all S.G IRON grades.
- **Grade 500/7, 400/12, 400/18, 600/3 , 700/2 etc. S.G Iron Grades**
- **IS: 1865, DIN: 1693 GGG 40 & 50, JIS: G: 5502, BS: 2789, ASTM –A 536 ,EN 1563 En-JS 1049,1030,1040,EN-GJS-400-GGG 40**
- **Hariom Precision Alloys Pvt Ltd**, has adopted a Quality Management system ISO 9001:2015 certification. Company is committed to produce quality goods along with complete customer satisfaction and also comply with all regulatory requirements.



FACILITIES FOUNDRY SECTION

SAND CAST

- **ELECTRIC INDUCTION FRUNACE 750 kG /450KW and 500 kg /350 KW standby**
- **S.G IRON TUNDISH COVER TREATMENT LADLE**
- **E.O.T CRANE 3 TONNE CAPACITY FOR MATERIAL HANDLING**
- **ONLINE NODULARITY CHECK INSTRUMENT**
- **SHELL CORE SHOOTER, AMINE GAS CORE SHOOTER**
- **VERTICAL AIR BLOW CORE SHOOTER**
- **NO BAKE & CO2 SAND MOULDING SYSTEM**

- **INTENSIVE MIXTURE - 3000 KG BATCH in 1 hr.**
- **SIMULTANEOUS PNEUMATIC ZOLT SQUEEZE MOULDING MACHINE**
- **DIGITAL DIP TEMPREAUTRE INDICATOR**
- **LIQUID MELTING CAPACITY -15000 KG /24 HRS PER DAY**
- **SHOT BLASTING MACHINE**
- **HYDRAULIC RISER BREARKER**



FOUNDRY SECTION PICTURE





MOULDING FACILITIES IN SHOP

- ▣ **Simultaneous Zolt squeeze moulding machines
DARPA 300 & 450**
- ▣ **Pneumatic Zolt squeeze moulding machines**
- ▣ **Vertical Air Blow Core shooter**
- ▣ **No-Bake & Co₂ sand moulding system**
- ▣ **Shot Blasting Machines**
- ▣ **Marking & Layout tables**



FACILITES MACHINE SHOP

- **CNC TURNINGS MACHINES MAKE BATLIBOI**
- **VMC MACHINES MAKE ACE & BATLIBOI**
- **MITR MACHINE**
- **TOOL GRINDER**
- **TAPPING MACHINE**
- **MILLING MACHINE**
- **TURNING PRECISION LATHE**
- **HYDRAULIC BRAOCHING MACHINE VERTICAL TYPE**
- **AUTO GROOVING MACHINE**
- **DRILLING MACHINE**
- **SLOTTING MACHINE**
- **REAMING MACHINE**
- **CENTRELSS GRINDER**

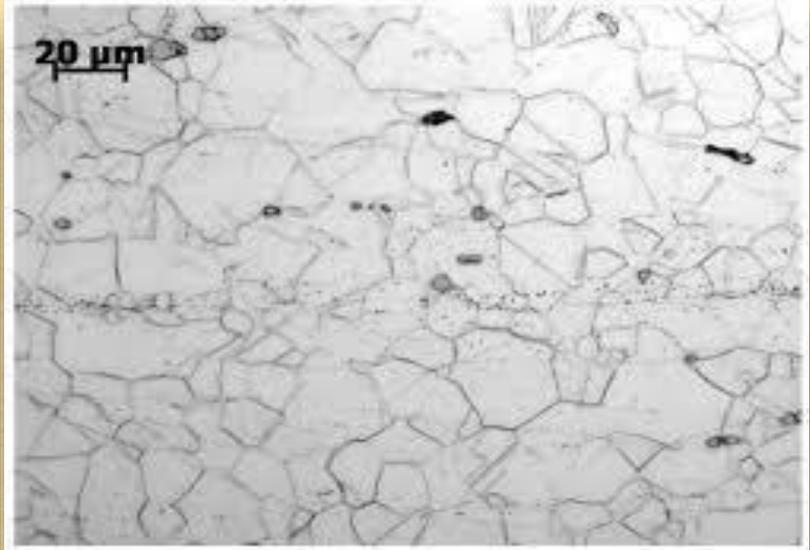


MACHINE SHOP PICTURE





HEAT TREATMENT AGEING PLANT



Bell type 1 tonne capacity Electric furnace with thyrester base temperature controller having accuracy $\pm 2^{\circ}\text{C}$.

➤ **Pattern Shop**

- ▣ **To Prepare metallic patterns for machine moulding applications with Milling, Turning & Drilling machine, Pattern making table, Height Gauge etc.**

PATTERN SHOP & ASSOCIATED FACILITIES

- To Prepare metallic patterns for machine moulding applications with milling, Turning & Drilling machine, Pattern making table, Height Gauge etc.
- Pattern Manufacturing through CNC and VMC using latest Modeling software
- M1TR machines
- Cylindrical & Center less grinder
- Simulation Technique for approval of Gating and Riser System during Product Development
- Diesel Gen set 82.5 & 32 KVA
- Air Compressors -Reciprocating and Screw
- Water softener & R.O.Plant



QUALITY CONTROL & TESTING LABORATORY

- Sand testing equipments
- Sieve Analyzer, Compatibility, Universal sand Testing.
- Permeability & Moisture Tester, Mould Hardness .
- Chemical Laboratory
- Strohlein Apparatus, Muffle Furnace, Oven, Glassware for Gravimetric and volumetric analysis.
- Spectro Analysis from NABL approved laboratory.
- Mechanical Testing
- Universal Testing Machine, Hardness Tester 3000kg/10mm, Impact Testing machine and Deep Freezer for -20°C testing.
- Micro Analysis
— micro and polishing equipments, image analyzer attached to microscope.



LAB PICTURE





FACILITIES STANDARD ROOM

- ▣ SURFACE PLATE
- ▣ DIGITAL BORE GAUGES
- ▣ HEIGHT GAUGE
- ▣ DIGITAL MICROMETERS
- ▣ DIGITEL VERNIER CALIPER
- ▣ PLUG AND THREAD GAUGES
- ▣ VARIOUS JIGS AND FIXTURES
- ▣ SNAP AIR GAUGE



QUALITY ASSURANCE

- We **HARIOM PRECISION ALLOYS PVT LTD**, are committed to manufacture and supply Automotive engine , Earthmoving components, Agri Machinery components of highest quality at effectively optimal prices through continuous engineering research and development process.
- An efficient quality management system is part of our organisation. Team of highly qualified work professional under the guidance of Metallurgical Engineer **Mr. T.C Vishwakarma** aim to deliver best level of quality for highest satisfaction of our customer.
- **HARIOM PRECISION ALLOYS PVT LTD** Quality Control Division is equipped with the finest testing equipment like Spectrometer and Digital Hardness testings machines.



Initiatives for 5S & Health, Safety & Environment

- ▣ For improvement of 5S – 5S Zones were made with team members and 5S leaders. Regular audit is conducted and best zone is awarded.
- ▣ Display was improved for Safety and 5S.
- ▣ Safety audit was started.
- ▣ Electric wiring was covered.
- ▣ PPE were provided to workers
- ▣ Gas cylinders were placed in upright positioning fixed with chain.
- ▣ Fire extinguisher were increased
- ▣ For reducing fatigue and risk loading/unloading Pallet Truck and Lifter were purchased.
- ▣ Hot Zone was marked
- ▣ Safety Map was made and displayed etc.



PRODCUTS PICTURES





OUR ESTEEMED CUSTOMERS

1. CASE NEWHOLLAND CONST, PITAMPUR
2. AUTOMANN INC. USA
3. HONEYWELL GMBH, GERMANY
4. BELTAN VIBRACOUSTIC, TURKEY
5. KNORR BREMSE INIDA PVT LTD, PALWAL
6. VOSSLOH COGIFER INDIA , TELANGANA
7. UNIPARTS INDIA LTD, NOIDA
8. ACTION CONSTRUCTION EQUIPMENT,
PALWAL



CONTACT US

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