

**VENDOR DEVELOPMENT / REGISTRATION
FOR STAINLESS STEEL / ALLOY STEEL / S.G. IRON /
SAND CASTINGS PARTS
(TOOTH POINTS & OTHER CASTING PARTS)**

Dear sir/mam,

We are a **Manufacturing company** involved in **Manufacturing STEEL Castings**. We are a foundry based in Jalandhar city, Punjab and specialize in **Steel and S.G. iron castings**. We have provided below our introductory profile for your information :

FOUNDRY ALLOY STEEL CASTINGS :

1. *ALLOY STEEL Castings - AISI 1XXX, 4XXX, 5XXX grades*
2. *Precision Investment Castings - STEEL, STAINLESS STEELS, NON-FERROUS etc*
3. *S.G. IRON (Ductile Cast Iron)*
4. *CNC MACHINED Components*

HEAT TREATMENT JOBS :

1. *Normalizing - Fine Pearlitic microstructure*
2. *Hardening & Tempering - Martensitic microstructure*
3. *MarQuenching / Martempering - Martensitic structure with minimal tensile stresses*
4. ***Austempering - bainitic microstructure - - HIGH IMPACT STRENGTH WITH HIGH HARDNESS***
5. *Annealing - Coarse pearlitic microstructure*
6. *Any Other Treatment as per customer request.*

SURFACE FINISH:

1. *Galvanizing Cold & Hot Dip*
2. *Chrome & Nickel Electro Plating*
3. *Shot Blasting*
4. *Auto Black*
5. *Spray/Dip Paint*
6. *Powder Coating*
7. *Pickling & Passivation*
8. *ElectroPolishing EP*

Quality Check Testing Facilities:

1. *CE, Si, C Analyzer (S.G. , C.I. casting)*
2. *Hardness Testing BHN, HRC etc.*
3. *Spectrometer Analysis*
4. *Chemical Wet Analysis*
5. *Tensile & Yield Strength, Elongation Testing*
6. *Charpy V Notch Impact Value Testing - Pendulum testing*
7. *Magnetic Particle Testing - surface Crack detection*
8. *X-RAY Analysis - porosity, internal cracks*
9. *Microscope - Microstructure Analysis*

10. Jominy end Test - hardenability testing

Please note that some **Testing facilities** are outsourced to Govt recognized **NABL accredited Lab**. The LABS we take services from are:

1. **CENTRAL INSTITUTE OF HAND TOOLS, JALANDHAR**
2. **CENTRAL TOOL ROOM, LUDHIANA**
3. **INSTITUTE FOR AUTO PARTS AND HAND TOOLS TECHNOLOGY, LUDHIANA**

SOME **HEAT TREATMENT** FACILITIES ARE ALSO OUTSOURCED AND ONLY AFTER FINAL INSPECTION, MATERIAL IS ACCEPTED, APPROVED AND DISPATCHED.

CURRENTLY WE MAKE MACHINE TOOTH POINTS BY CASTING ALLOY STEEL AND FOLLOWED BY HEAT TREATMENT. ITEMS THAT WE MAKING NOW ARE:

1. **JCB 3DX TOOTH POINT**
2. **JCB 3DX SIDE CUTTER**
3. **KOMATSU PC70 TOOTH POINT**
4. **KOMATSU PC200 PLAIN AND RC MODEL**
5. **KOMATSU PC300 RC MODEL**
6. **HM2021 LOADER TOOTH POINT**

THANKS and we look forward to your response FOR VENDOR REGISTRATION.

REGARDS,

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