

METHOD STATEMENT FOR MELTING WORK

A

Job Description: Melting Work- Job Work	
Area/ Location: Plant: LPDC- Melting area	
Aux Permit Type:	NA

B

Major hazards associated with the job: 1. Electric Shock 2. Fire and Explosion 3. Slip, Trip and Fall hazard 4. Fall from height (if height work is carried out) 5. Falling Object.	6. Burn injury during Hot work 7. Eye and Cut injury During cutting work 8. Dust Fumes inhalation during drilling work.. 9. eye irritation. 10. Human Injury 11. Any Other.
What Worst can Happen? 1. Fatality or permanent disability due to Electric Shock, Amputation etc.	

C

PPE's Required for Jobs: Safety Shoes, Safety glasses, Hand Gloves , Ear Plug etc. Resources /Tools Required for the Job: Hand Tools, Chisel, and Hammer etc.
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D

Activities Sequence: (What, Who & How?)				
S. No	Activity	Who Will do	Risk involved	Risk Mitigation / Control Measure
1	Collect the castings after heat melting by trolley	Operator	Sprain due to manual pushing/pulling of the trolley Falling of material at working level on the level	Safe Material handling, dedicated trolley, trained person etc.
2	Fixing the casting inside the bench vice	Operator	STF. Material Hazards, material fall down, foot injury, Body injury etc. Sharp edges that may contact with skin	Material handling training, OJT, etc.
3	Removal of the unwanted material with the help of file and chisel	Area Owner	Slip Trip Fall etc. Deafness, Mental stress, eye injury, Body injury	Adherence of required PPE – Hand gloves, Ear plug, goggle etc. Trained person, Closed supervision etc.



4	After completion of filing Keep the casting in the designated bin.	Approved Contractor	Trip hazard due to improper handling Equipment's and machines. Body injury, Material hazards	Ensure the PPE adherence, closed supervision, proper stacking etc.
5	Collect the chips	Trained and experienced persons from contractor	Burr may contact with skin, Hand Injury.	Ensure that all work must be done by train person. Ensure the PPE adherence
6	Disposal of chips	Contract Employees	Burr may contact with skin. Hand Injury	Ensure that all work must be done by train person. Ensure the PPE adherence

E

Special Instructions/Note:

1. Follow all the work instructions strictly as per ETL Policy.
2. No Tobacco, Gutkha, allowed in premises
3. Follow HSE Golden Rule and ECOC policy.
4. Close Supervision while performing the work.

