**WORK INSTRUCTIONS FOR** **UNLOADING OF DEBRIS FROM SLAG POT INTO TRUCK**

**Responsibility:** PCM in charge/Pig shifting in charge

**Identified Hazards:**

1. Contact with hot debris
2. Contact with hot hood causing burns
3. Contact with dust & fumes
4. Fire
5. Electric shock
6. Nonuse of PPE
7. Improper house keeping
8. Inadequate local lighting
9. Injuries due to fall
10. Impact of crane
11. Fall of slag pot

**Significant Aspect:**

1. Emission of graphite

**PROCEDURE:**

**1.** Ensure that all personnel involved in the activity (Including contractor workmen) are trained in safe working procedures.)

2. Personnel working in the area must wear safety goggle, safety helmet, safety shoes, ear plugs, hand gloves while working.

3. Bag House in charge should ensure that slag pot shell temperature is below 100degree before unloading the same into truck. Cooling of the same to be done in such a way that temperature shock is avoided.

4. Engage the 25t crane hook to slag pot side trunion and 12t hook to the bottom link chain and bring the slag pot in front of Bag House.

5. Place the truck facing towards bag house put the stopper to truck tyre and driver should come out of truck.

6. Bag House staff should ensure that no one is nearby this area during dumping and crane operator should operate from safe distance.

7. Lift the slag pot, position it above truck lift, slowly start unloading debris into truck.

8. While dumping care to be taken by operator that slag pot should not rest on debris or truck lift.

9. In case the slag pot condition is weak/or has developed cracks, then slag pot dumping directly into the truck should be strictly prohibited.

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| **Prepared By:**  Head – Production PID I | **Reviewed & Issued By:**  Management Representative | **Approved By:**  Head – Pig Iron Division |
| **Signature:** | **Signature:** | **Signature:** |
| **Date: 15.07.2022** | **Date: 15.07.2022** | **Date: 15.07.2022** |

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