**WORK INSTRUCTIONS FOR** **CLEANING OF LIME TRAY**

**Responsibility:** PCM in charge

**Identified Hazards**:

1. Fall of pigs from moulds
2. Contact with lime powder solution
3. Entry of metal chips in the eyes
4. Human behavior -Non use of PPE/WI
5. Misjudging while lifting the pig.

**Significant Aspect:**

**1.** Chips generation.

**2.** Water consumption, depletion of natural resource

**Procedure:**

* Unauthorized operation or repair of any equipment is a punishable offence.
* Use safety goggles, hand gloves, protective clothing and other PPE viz. helmet, dust mask and safety shoes.
* PCM in charge shouldensurethatPCM and lime pump is locked with LOTO lock and the discharge valve of the lime pump and compressed air valve are closed before starting activity
* PCM in charge shouldensure that PCM is not having pigs above lime tray, either on the pig mould on the structure. If any loose pigs are found then the same should be removed before entering in the tray for cleaning.
* Loosen the thickened lime slurry and metal chips, fill it in the Ghamela and empty it in the PCM tray chute.
* After the lime tray is cleaned of lime slurry and chips, flush the lime tray with water.
* Close the lime tray doors.
* After ensuring the completion of the above activities the PCM in charge should remove LOTO lock of PCM & lime pump and open the valves of the lime pump and compressed air.

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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: 10.07.2023** | **Date: 10.07.2023** | **Date: 10.07.2023** |

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| **Amendment Record** | | | |
| **Revision date** | **Manual Section ref. and para** | **Brief details of revision** | **New Revision No.** |
| 15.07.2022 | Change in format |  | 04 |
|  |  |  |  |