**WORK INSTRUCTIONS FOR** **CLEANING SIDE DRAIN OF PCM 3**

**Responsibility:** PCM In charge

**Identified Hazard:**

1. Falling of pigs from heights
2. Contact with lime powder solution
3. Impact with ladle car movement
4. Human behavior -Nonadherence to PPE & WI

**Significant Aspect:**

**1.** Chips generation

**2.** Slurry generation

**Procedure**:

* Unauthorized operation or repair of any equipment is a punishable offence.
* Use safety goggle, hand gloves, protective clothing and other PPE viz helmet, shoes, dust mask.
* This activity should be done by the concerned In charge under strict supervision from the start to the end of completion of the job.
* PCM In charge should ensure that PCM 3 is cleaned of loose pigs hanging on PCM structure. Lock the PCM by LOTO lock
* Ladle car remote to be taken by supervisor monitoring this activity.
* Fill the slurry in Ghamela with the help of Pawda and put it below PCM4.
* Workers movement to be stopped during ladle car operation.
* Remove the slurry inside the drain till BF 2 GCS manhole cover is visible.
* If drain is cleaned by JCB then put LOTO lock to ladle car isolator switch.
* Utmost care is to be taken that no damage is done to the ladle car pendant and underground drain plate the operator of the JCB should be kept well informed about it before the start of the job.
* Truck used for shifting slurry to be guided by concerned supervisor while reversing with the help of whistle by staying at safe distance and should have both side visibility.
* Slurry to be unloaded in BF1 Slag pit for drying and then to be shifted at designated place.
* After completion of job the PCM in charge should clear the LOTO lock of PCM as well as of ladle car.
* Clean the ladle car track area by water jet of all spilled slurry.

|  |  |  |
| --- | --- | --- |
| **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** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Amendment Record** | | | |
| **Revision date** | **Manual Section ref. and para** | **Brief details of revision** | **New Revision No.** |
| 15.07.2022 | Procedure for cleaning side drain to PCM3 | Change in format | 04 |