**WORK INSTRUCTIONS FOR CONICAL LIME TANK CLEANING**

**Responsibility:** PCM in charge

**Identified Hazards:**

1. Contact with lime Powder solution.
2. Human behavior -Nonadherence to PPE & WI

**Significant Aspects:**

**1.** Generation of lime slurry

**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 (hands covered), coconut oil and other PPE viz. helmet, dust mask and safety shoes and work should be carried out according to work instruction.
* PCM in charge should ensure that LOTO lock is used to lock the Lime pump before the conical tank bottom flange is opened. Open bottom flange with the help of lancing pipe (Hook) keeping safe distance of 1 meter from the tank.
* Thick slurry to be removed out by pocking with the rod and using high pressure water.
* After tank is clean close the flange and put some thick lime at the cone bottom to seal the flange and to avoid Leakage of the lime solution
* Remove LOTO lock of lime pump.

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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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| 15.07.2022 | Procedure for cleaning of conical lime tank | Change in format | 04 |