**WORK INSTRUCTIONS FOR** **CLEANING TRF SCREEN OF THE SIZER PLANT**

**Responsibility:** Raw material in charge

**IDENTIFIED HAZARDS**:-

1. Starting of the screen when the cleaning job is on.
2. Falling when descending on the screen

**Behavioral hazards:**

1. Not using P.P.E
2. Violation/Ignorance of work instructions.
3. Overconfidence (I- am-doing- this- job-everyday kind of attitude)

**Significant Aspects:**

1. Generation of dust

**PROCEDURE**

1. Unauthorized operation or repair of any equipment is a punishable offence.
2. The screen should be manually cleaned, each time the openings get clogged with fines.
3. Ensure that the person involved in the activity is wearing shoes, dust mask, hand gloves & safety goggles.
4. Contract workmen who wants to take up the cleaning activity will intimate Raw material in charge seeking his approvals to take up the screen cleaning activity.
5. Raw material in charge from production will come to site ( sizer plant), put off the screen if it is running
6. Raw material in charge from production will put **off t**he feeder with the help of power switch provided for the TRF screen and main belt at site location
7. After both the power switches are put off, he shall apply LOTO on both the switches and verify that the switch cannot be put ON while the LOTO is applied
8. Handover the LOTO keys to the workmen who is going to carry out the cleaning activity. And the “Men at work” signboard is slung round the switch.
9. Upon completion of cleaning work, concerned workmen who was engaged for cleaning activity shall handover the LOTO keys to Raw material in charge.
10. . The person involved in the activity should go on the screen using the platform provided & gently hammer the jammed portion of the screen to detach the fines. This should be done using a light hammer or a piece of lancing pipe, without damaging the screen.
11. After all the clogged fines are detached, the person should get off the screen.
12. If not, repeat the activity till the screen is fully cleaned.
13. Upon completion of cleaning activity, before removing the LOTO, Raw material In charge shall inspect the site, remove the men and other tools used for cleaning and ensure that no one is working.

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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 TRF screen of sizer plant | Change in format | 05 |