**WORK INSTRUCTIONS FOR\_CLEANING COKE SCREENS**

**RESPONSIBILITY**: Raw material in charge

**IDENTIFIED HAZARDS:-**

1. Electric shock
2. Falling causing injuries
3. Contact with hand tools used for cleaning
4. Nonuse of PPE
5. Improper house keeping
6. Inadequate local lighting
7. Getting hurt while walking on screens
8. Getting hurt while cleaning screens
9. Health of the person working
10. Loose clothing
11. Improper use of cleaning tool

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**ASPECT**

1. Generation of dust

2. Noise generation

**WORK INSTRUCTION**

Unauthorized operation or repair of any equipment is a punishable offence

Ensure that people working in the area should wear helmet, dust mask, hand gloves, **safety goggles** and ear plugs.

1. Before cleaning the coke screens, see that the coke batching is complete and then stop the vibrating screen (VS) by pressing the push button and Vibrofeeder (VF) also to be stopped by pushing the Push button, same to be ensured in PLC if push button indication has come.

2. The person cleaning the VS should stand on the platform at the top near the vibrofeeder (VF), and open the inspection door. Standing on the VS is strictly prohibited.

3. A rod of about 1.5mt long should be used to clean the top two screens (70mm, 60mm). After the job is over the rod should be safely placed and the door should be closed

4. Cleaning of VS should also be done by standing on the platform at the front near the screen inspection door, using a lancing pipe bent at one end

5. The inspection door should be opened, and coke stuck in the screens should be removed using a lancing pipe, bent at one end. After the job is over the door should be closed.

6. After the job is over the push button should be released.

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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.** |
| 12.07.2021 | Procedure for cleaning of coke screens | guideline | 02 |
| 15.07.2022 | Procedure for cleaning of coke screens | Hazards 10-11 identified | 03 |
| 15.07.2022 | Procedure for cleaning of coke screens | Point 1 | 03 |