**WORK INSTRUCTIONS FOR\_ GLASS CLEANING**

**Criteria**: Safe operation

**Responsibility**: PCM Engineer & workers on the job.

**Identified Hazards**:

1. Fire
2. Fall of a person causing injury
3. Causes burns & irritating to respiratory system
4. Slipping of glass window
5. Formation of acid odor (Fumes)
6. Nonuse of PPE
7. Improper house keeping
8. Inadequate local lighting
9. Scratching of the glass

**Significant Aspect:**

1. Generation of fumes

2. Chemical spillage

3. Water consumption

**Procedure**: Unauthorized operation or repair of any equipment is a punishable offence

1. Ensure that the all the people working in the area are wearing PPEs
2. Put diluted HCl on cotton rag (sufficient to moisten it) and apply on glass.
3. Clean the surface till it looks clean.
4. Sprinkle water on glass surface.
5. Ensure that the diluted HCl container duly identified must be kept at proper place, Production office room (near mud gun mass storage area) after cleaning.
6. Checking should be made once in a week for breakages of the container or spillage of chemicals on ground. In case of breakage or spillage, takes place immediate action to be taken as per the material safety data sheet.

|  |  |  |
| --- | --- | --- |
| 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 glass cleaning | Change in format | 04 |