**WORK INSTRUCTIONS FOR FURNACE TOP PLATFORM CLEANING**

Responsibility: Shift Superintendent/ officer in charge/contractor supervisor

Criteria: Safe working

Identified Hazards:

1. Contact with dust

2. BFG poisoning

3. Nonuse of PPE

4. Improper house keeping

5. Inadequate local lighting

6. Not carrying CO detector

7. Doing the job in hurry

8. Fall of person

9. Fall of loose material on platform

10. Contact with hot surface

11. Contact with steam

12. Contact with flame

Significant Aspect:

1. Generation of dust

2. Spillage of dust

3. Usage of Water

All walkways leading to furnace top to be cleared of coke after shutdown

1. Top platform cleaning

* Unauthorized operation or repair of any equipment is a punishable offence
* Ensure that the people are wearing all safety appliances, viz, safety helmet, shoes, dust protection goggle, dust mask & Hand gloves.
* Ensure furnace top fire to be uniformly lit over the cross section and check for CO presence before starting the job
* Before starting the job ensure that there is no overhang material and enough water is sprayed on the dust, to avoid dust pollution
* All collected dust should be disposed through the dust pipe
* When work is being done at two different levels ensure that lower-level access is barricaded or supervised to restrict entry of persons.
* If loose material is being thrown directly on roof sheets, then entry to any person is totally restricted till completion of the job.

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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: **15.07.2022`** | Date: **15.07.2022** | Date: **15.07.2022** |

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| 15.07.2022 | Procedure for Furnace top platform cleaning | Change in format | 01 |