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|  | **VEDANTA LIMITED –**  **VALUE ADDED BUSINESS** | **Format No.:** | **FRMT/MR/10** |
| **INTEGRATED MANAGEMENT SYSTEM** | **Revision Date:** | **10.07.2023** |
| **HAZARD IDENTIFICATION** | **Revision No.:** | **03** |
| **Page No.:** | **1 of 1** |

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| **Departmental Use Only** | |
| **Revision No: 02** | **Unit: PID1** |
| **Revision Date: 10.07.2023** | **Dept.: Production** |

A. Work activity information

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| **Sr.No.** | **Details** | **Remark** |
| 1) | Task being carried out, their duration and Frequency: | Cleaning of jammed coke gate &movement in coke tunnel, as and when required. |
| 2) | Location (s) where the work is carried out. | Inside coke tunnel |
| 3) | Who normally/occasionally carried out the task? | Staff, Company workman and contractor workmen. |
| 4) | Who else may be affected by the work (For example visitors, subcontractors? the public) | NIL |
| 5) | a) Has the personnel trained for performing the task  b) Any special training required | Yes |
| 6) | Is the written systems of work mandatory? If yes state, the procedure no. | Yes.  VL/IMS/PID1/PROD/WI/12A |
| 7) | Is the work permit required for the task? | No |
| 8) | Plant and machinery that may be used:  Eg : crusher, conveyor, crane, heavy earthing equipment, Truck etc, | Crowbar, lancing pipes and rods. |
| 9) | Any electrically operated hand tools are used | No |
| 10) | Manufacturers or supplier’s instructions for operation and maintenance plant machinery and powered hand tools are available or not: | NA |
| 11) | Chain block, tools and shackles such as wire rope, hydraulic jack etc are used. | NO |
| 12) | What materials are handled? Size, shape, surface character and weight of materials that may be handled: | Metallurgical Coke,20-70 mm size, light weight |
| 13) | Is the material is required to be moved by hand. If yes Distance and heights of the place where materials have to move by hand. | Yes, around 5 mt. from ground to the coke belt. |
| 14) | Services used Eg: compressed air, oxygen, acetylene,  LPG gas, hydraulic oil, welding electrode for welding | Compressed air |
| 15) | Physical form of substances encountered during the work (For example fume, gas, vapour, liquid, dust/powder, solid): | Metallurgical Coke, coke fines, fumes, dust etc. |
| 16) | Content and recommendations of safety data sheets relating to substances used or encountered:  (This is applicable in case of chemical material) | NIL |
| 17) | a) Relevant acts, regulations and standards relating to the work being done, the plant and machinery used, and the materials used or encountered:  b) Is the activity is reviewed for compliance to statutory requirement | Factory Act  YES |
| 18) | What is the data (s) required to be monitored during the activity and the frequency of monitoring? | NIL |
| 19) | Any information available from within and outside the organization on incident, accident and ill health experience associated with the work being done, equipment and substances used: | No |

2. From the above activity information hazards are to be identified and recorded below using Appendix 'A' of SP/41

**Hazards identified**

1. Fall of a person during movement in coke tunnel causing injury
2. Contact with dust, coke fines
3. Injury due to fall of coke from coke gate during hammering of gates
4. Collision with wall & other obstacles
5. Human Behavior -Nonuse of PPE
6. Human Behavior -Violation/Ignorance of work instructions
7. Human Behavior -Improper house keeping
8. Inadequate local lighting
9. Human Behavior -Getting afraid of ghosts
10. Dust
11. Lone Working

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| **Prepared By:** | **Reviewed By:** |
| **Signature:** | **Signature:** |
| **Review Date: 10.07.2023** | **Review Date: 10.07.2023** |