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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.:** | **02** |
| **Page No.:** | **1 of 1** |

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| **Departmental Use Only** | |
| **Revision No: 01** | **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 slag granulation tank,  1 week  As and when required |
| 2) | Location (s) where the work is carried out. | Thickener area |
| 3) | Who normally/occasionally carried out the task? | Production contractor workers |
| 4) | Who else may be affected by the work (For example visitors, subcontractors? the public) | Contractor workers & Production Engineers |
| 5) | a) Has the personnel trained for performing the task  b) Any special training required | On the job training |
| 6) | Is the written systems of work mandatory? If yes state, the procedure no. | Yes,  VL/IMS/PID1/PROD/WI/16 |
| 7) | Is the work permit required for the task? | Yes |
| 8) | Plant and machinery that may be used:  Eg : crusher, conveyor, crane, heavy earthing equipment, Truck etc, | Slurry Pump |
| 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: | N.A. |
| 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: | Surry, granulated slag |
| 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, 5 mt. height |
| 14) | Services used Eg: compressed air, oxygen, acetylene,  LPG gas, hydraulic oil, welding electrode for welding | No |
| 15) | Physical form of substances encountered during the work (For example fume, gas, vapour, liquid, dust/powder, solid): | Liquid, Hot water |
| 16) | Content and recommendations of safety data sheets relating to substances used or encountered:  (This is applicable in case of chemical material) | N. A |
| 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. 1948 & Goa Factory Rules  1985  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 person from height
2. Fall of material from height
3. Contact with hot water dripping from slag granulation water circulation trough leading to two pond
4. Water ingress form BF2 SGP tank overflow line
5. Water ingress from interconnection line
6. Water ingress from S pond line
7. Water Ingress from Jetty line
8. Horseplay
9. Jumping from height
10. Human Behavior -Nonuse of PPE
11. Human Behavior -Use of nonstandard ladders
12. Human Behavior -Use of non-standard scaffolding

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