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| **Departmental Use Only** | |
| **Revision No: 05** | **Unit: MCD** |
| **Revision Date: 15.09.2023** | **Dept.: MECH** |

**A Work Activity Information**

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| Sr.No. | **Details** | Remark |
| 1) | **Task being carried out, their duration and frequency:** | Painting work. Duration - daily |
| 2) | **Location (s) where the work is carried out.** | At all Locations |
| 3) | **Who normally/occasionally carries out the task?** | Painter |
| 4) | **Who else may be affected by the work? (For example visitors, subcontractors , the public)** | Visitors, Staff, people working in nearby areas. |
| 5) | **a)Has the personnel been trained for performing the task?**  **b) Any special training required?** | Yes  No |
| 6) | **Is the written system of work mandatory? If yes, state the procedure no.** | Yes **VL/IMS/MCD/WI/MECH/06** |
| 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,** | Cherry picker |
| 9) | **Are any electrically operated hand tools used?** | No |
| 10) | **Are the manufacturer’s or supplier’s instructions for operation and maintenance of plant machinery and powered hand tools, available?** | Nil |
| Sr.No. | **Details** | Remark |
| 11) | **Are any chain blocks, tools and tackles such as wire ropes, hydraulic jacks etc used?** | No |
| 12) | **What material is normally handled? Size, shape, surface character and weight of materials that may be handled:** | Paint (5/10/15/20 ltr. Can), Paint brush, scraper, wire brush |
| 13) | **Is the material required to be moved by hand? If yes, distance and heights of the place where materials have to moved, by hand.** | Upto 30 mts. |
| 14) | **Services used e.g.: compressed air, oxygen, acetylene,**  **LPG gas, hydraulic oil, welding electrodes. .** | Synthetic Paints |
| 15) | **Physical form of substances encountered during the work (For example fumes, gas, vapours, liquid, dust/powder, solid):** | Liquid |
| 16) | **Content and recommendations of safety data sheets relating to substances used or encountered:**  **( this is applicable in case of chemical material)** |  |
| 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 reviewed for compliance to statutory requirement?** | 1. Factory act |
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| 18) | **What is the data required to be monitored during the activity and the frequency of monitoring?** |  |
| 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?** | On 21.04.2022 at PID1 at around 10:20 hrs while COO VFL round it was observed that that letter painter painting the words on BF 1 Main water seal without CO detector work stop and painter has been taken on ground and briefing given on consequence of non-usage of CO detector on running furnace water seal, work permit was taken by Mechanical Engineer and approve by BF 1 Cast house incharge, as per work permit additional condition approver has mention to carry CO monitor while carried out the activity. Concern supervisor available from Mechanical(Apprentice) not able to follow the additional condition mention in the work permit by issuing authority.no damage to property, no injury to anyone |

**B Hazard Identification**

Physical Hazard : Pressure, electrical

Chemical Hazard : Fumes , CO gas poisoning while scaffolding near gas line

Mechanical Hazard : Contact, Entanglement, Falling

Ergonomics Hazard : Poor plant/ work area layout

Health Hazard : Exposure/ contact of oil to eye

Human behaviour aspect of operators:

* Alcoholism.
* Casual approach.
* Horse play.
* Non usage of PPE’s
* Improper Housekeeping
* Height Phobia

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| **Prepared By:**  Incharge Battery 1 Machine Mechanical Maintenance MCD | **Reviewed By:**  Head Mechanical Maintenance MCD |
| **Signature:** | **Signature:** |
| **Review Date:15.09.2023** | **Review Date:15.09.2023** |