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| Logo  Description automatically generated | **VEDANTA LIMITED –**  **VALUE ADDED BUSINESS** | **Format No.:** | **FRMT/MR/10** |
| **INTEGRATED MANAGEMENT SYSTEM** | **Revision Date:** | **04.04.2022** |
| **HAZARD IDENTIFICATION** | **Revision No.:** | **02** |
| **Page No.:** | **1 of 1** |

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| **Departmental Use Only** | |
| **Revision No: 03** | **Unit: Power plant 1** |
| **Revision Date: 07/08/2023** | **Dept.: MECHANICAL** |

1. **Work activity information : Fixing/Dismantling of roof Sheets**

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| **Sr.No.** | **Details** | **Remark** |
| 1) | Task being carried out, their duration and Frequency: | Fixing/Dismantling of Sheets-60 days  Once in 4-5 yrs |
| 2) | Location (s) where the work is carried out. | Boiler shed, turbine, auxiliary |
| 3) | Who normally/occasionally carried out the task | Engineer in charge  Maintenance fitter on the job  Mechanical contractor workmen |
| 4) | Who else may be affected by the work (For example visitors, subcontractors, the public) | no |
| 5) | Training, that personnel have received the task;  b) Any special training required | Yes  no |
| 6) | Written systems of work and/or permit to work procedures prepared for the task: | WI/MAINT/13 |
| 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, | Hydra, Truck for shifting work |
| 9) | Powered hand tools that may be used: | Grinding machine, Drilling machine |
| 10) | Manufacturer’s or supplier’s instructions for operation and maintenance plant machinery and powered hand tools: | No |
| 11 | Chain block, tools and shackles such as wire rope, hydraulic jack etc are used. | Na |
| 12) | Size, shape, surface character and weight of materials that may be handled: | Steel structures16 mm plate  Rectangular - Irregular  Approx 50 kg max |
| 13) | Distance and heights of the place where materials have to move by hand.: | 15 mtr  25 kg by hand (tools & tackles)  35 Mt height approximately max |
| 14) | Services used (For example compressed air): oxygen, acetylene, LPG gas, hydraulic oil, welding electrode for welding | No |
|  |  |  |
| 15) | Physical form of substances used or encountered (For example fume, gas, vapour, liquid, dust/powder, solid) | Solid |
| 16) | Content and recommendations of safety data sheets relating to substances used or encountered: | No |
| 17) | Relevant acts, regulations and standards relating to the work being done, the plant and machinery used and the materials used or encountered: | Factories Act |
| 18) | What is the data (s) required to be monitored during the activity and the frequency of monitoring. | nil |
| 19) | Available monitoring data gained as a result of information from within and outside the organisation, incident, accident and ill health experience associated with the work being done, equipment and substances used: | nil |

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

**Hazards indentified**

Mechanical Hazards: Fall of objects, person from height.

Electrical Hazards: Electric shock by hand operated power tools.

Physical Hazard : Dust inhalation.

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| **Prepared By:** Engineer– MECHANICAL – PP | **Reviewed By:** Head -Power |
| **Signature:** | **Signature:** |
| **Date: 07.08.2023** | **Date: 07.08.2023** |