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|  | | | **HSE OPERATIONAL CONTROL PROCEDURE** | | | **DOC No.** | | | | |
| **OCP No.** | | | | |
| **Date :** | | | | |
|  | | | | | | | | | | |
| **ACTIVITY:** | | | | **ARC WELDING** | | | | | | |
|  | **Project :**  **Sub-Contractor :** | | | | **Location : Nature of work:** | | |  |  |  |
|  | **Sl.**  **No.** | **Controls** | | | | | **Performed**  **by** | | **Checked**  **by** | |
|  | 1 | Check the welding machine / generator, volt meters/ ampere meter are in working condition   * Cables/ holder withstand maximum current requirement and * Welding holder fully insulated * Double earthing to be provided * Protect Welding equipment from weather conditions * Provide ELCB or RCCB | | | | |  |  |  |  |
|  | 2 | Obtain PTW from SE/ SS for welding on / inside any pressure vessels containing or contained flammable/ explosive material | | | | |  |  |  |  |
|  | 3 | All flammable materials to be removed in the effected areas and at lower levels | | | | |  |  |  |  |
|  | 4 | Provision to contain sparks/ molten metal to be made to protect others at lower level | | | | |  |  |  |  |
|  | 5 | Welding face shield, safety shoe, hand gloves and protective clothing to be worn by welders | | | | |  |  |  |  |
|  | 6 | Provide fire water to put out any smoldering or mini fires provide fire extinguishers / fire buckets as required with a fire watch | | | | |  |  |  |  |
|  | 7 | Employ / engage qualified welder and provide fire watch | | | | |  |  |  |  |
|  | 8 | After completion of work, check if there is any smoldering or burning around or below | | | | |  |  |  |  |
|  | **Prepared By :**  **SE / SS :**  **Date :** | | | | **Approved By : Project Manager : Date :** | | |  |  |  |