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|  | | **HSE OPERATIONAL CONTROL PROCEDURE** | | **DOC No.** | | | | |
| **OCP No.** | | | | |
| **Date :** | | | | |
|  | | | | | | | | |
| **ACTIVITY:** | | **STEEL ERECTION** | | | | | | |
| **Project :**  **Sub-Contractor :** | | | **Location : Nature of work :** | | |  |  |  |
| **Sl. No** | **Controls** | | | | **Performed by** | | **Checked by** | |
| 1 | Prepare lifting plans / sequence of assembly for all critical / heavy structural members obtains approval from safety officer | | | |  |  |  |  |
| 2 | Only certified hoisting apparatus lifting gears and appliance must be used for erection | | | |  |  |  |  |
| 3 | If any mechanical lifting is done, follow OCP-12 | | | |  |  |  |  |
| 4 | Erection crew provide machines ensure PPE (Safety belt/helmet, shoes etc., to usage) | | | |  |  |  |  |
| 5 | All the floor openings should be properly covered and barricaded | | | |  |  |  |  |
| 6 | Ladders, stairs and other safe access must be provided | | | |  |  |  |  |
| 7 | Check whether the lifeline is provided for using safety belt | | | |  |  |  |  |
| 8 | Erection area should be barricaded and warning sign displayed | | | |  |  |  |  |
| 9 | Use guy ropes to prevent the dangerous swing of the steel works when being raised or lowered by crane | | | |  |  |  |  |
| 10 | Anchor the unsupported columns with stay ropes | | | |  |  |  |  |
| 11 | Use tag lines or jackets for tools | | | |  |  |  |  |
| 12 | When placing structured members, the load shall not be released from the hoisting line until the member is secured by at least 50% bolts at each connection and tight end | | | |  |  |  |  |
| 13 | Lifting slings shall be as short as possible and gunny packing shall be provided at the friction points | | | |  |  |  |  |
| 14 | No overloading of material at crane or roof | | | |  |  |  |  |
| 15 | Work area below must be barricaded | | | |  |  |  |  |
| 16 | Weight of the heavy items shall be painted on the items to assist erection engineer to decide about the crane capacity, boom angle of erection etc., | | | |  |  |  |  |
| 17 | Suspend the work during heavy winds and lower down the crane boom | | | |  |  |  |  |
| **Prepared By :**  **SE / SS :**  **Date :** | | | **Approved By : Project Manager : Date :** | | |  |  |  |