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| PRE STARTUP SAFETY CHECKLIST FOR WELDING, GRINDING AND CUTTING OPERATIONS | | | | | | | |
| Subcontractor:  Area/Location: | | Inspected By: Permit Executor  Name:  Signature: | | Inspected By: Permit Issuer  Name:  Signature: | | | |
| Verified By: Area HSE Supervisor  Name: Signature: | | | Inspected on: | | | | |
| **S.N** | **Description** | | | | Yes | No | N/A |
| 1 | Is valid permit in place? | | | |  |  |  |
| 2 | Is approved Risk Assessment is in place? | | | |  |  |  |
| 3 | Is PTT conducted by permit executor? | | | |  |  |  |
| 4 | Does dedicated Fire Watch is appointed for hot work? | | | |  |  |  |
| 5 | Does all wooden boards are fully covered with fire retardant tarpaulin? | | | |  |  |  |
| 6 | Is Emergency Contact List displayed at work location? | | | |  |  |  |
| 7 | Is a DCP fire extinguisher immediately available at site? (2 Nos. 9 Kg). | | | |  |  |  |
| 8 | Does fire extinguisher inspected with valid sticker and date? | | | |  |  |  |
| 9 | Does fire extinguisher has got adequate pressure? | | | |  |  |  |
| 10 | Is the area free of combustible materials, explosive atmosphere (flammable gases, liquids, etc.?) | | | |  |  |  |
| 11 | Are workers and the public shielded from rays, flashes, sparks, molten metal and slag? | | | |  |  |  |
| 12 | Are all passageways, ladders, stairways, etc. kept clear of hoses or cables? | | | |  |  |  |
| 13 | Are electrical welding units, shutdown when unattended? | | | |  |  |  |
| 14 | Are the frame of arc welding and cutting machines properly grounded? | | | |  |  |  |
| 15 | Are cable free of splices or repaired insulation within 10 feet of the rod holder? | | | |  |  |  |
| 16 | Have welding leads been checked to ensure there is no contact with the metal parts or the support suspended scaffolds? | | | |  |  |  |
| 17 | Are torch valves and gas supply shut off when work is suspended? | | | |  |  |  |
| 18 | Welding booth available with approved fire blanket? | | | |  |  |  |
| 19 | Fire Bucket with water available and maintained in the hot work area? | | | |  |  |  |
| 20 | Are power cords approved for that location? | | | |  |  |  |
| 21 | Are power cords in continuous lengths without splices? | | | |  |  |  |
| 22 | Are tools grounded with multi-contact plug and receptacle? | | | |  |  |  |
| 23 | Are GFCI provided in all circuits using portable electric tools? | | | |  |  |  |
| 24 | Are ELCB provided in all circuits using portable electric tools? | | | |  |  |  |
| 25 | Are power hand tools inspected, tested & color coded? | | | |  |  |  |
| 26 | Are tools equipped with the guards supplied with them? | | | |  |  |  |
| 27 | When overhead work is being done, are the protective measures taken to prevent tools from falling? | | | |  |  |  |
| 28 | Are all work areas properly Illuminated? | | | |  |  |  |
| 29 | Are Noise level with acceptable limits? | | | |  |  |  |
| 30 | Is housekeeping properly maintained in working area? | | | |  |  |  |