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| PRE STARTUP SAFETY CHECKLIST FOR WELDING, GRINDING AND CUTTING OPERATIONS |
| Subcontractor:Area/Location: | Inspected By: Permit ExecutorName: Signature: | Inspected By: Permit Issuer Name: Signature: |
| Verified By: Area HSE SupervisorName: 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? |  |  |  |