|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Observer：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | Date：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| Location：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | Time：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| **Item No.** | **Behaviour to be monitored** | | | **Safe** | **At risk** | **Not observable** |
| **1** | Conduct prior-to-work inspection to welding equipment and ensure it is in good condition (e.g. gas cylinder, blowpipe, pressure regulator, flashback arrester, non-return valve, gas hose, etc.) | | |  |  |  |
| **2** | Remove all flammable and combustible materials at working place | | |  |  |  |
| **3** | Wear appropriate personal protective equipment (e.g. safety helmets, y-type chin straps, safety shoes, leather gloves, fire retardant apron, goggles, reflective clothing, etc.) | | |  |  |  |
| **4** | Provide the working area with good ventilation equipment prior to work | | |  |  |  |
| **5** | Use appropriate breathing apparatus when working in areas with poor ventilation | | |  |  |  |
| **6** | Erect suitable barriers to reduce the influence of radiation to personnel nearby | | |  |  |  |
| **7** | Provide suitable containers (e.g. welding dust collector) for the collection of hot slag and flame | | |  |  |  |
| **8** | Ensure no gas leakage at hose connections by using soapy water | | |  |  |  |
| **9** | Keep gas cylinders in upright position and securely anchored to firm supports | | |  |  |  |
| **10** | Keep gas cylinders in use at an appropriate distance away from the welding or cutting work | | |  |  |  |
| **11** | Ensure that the routing of gas hoses will not cause severe bending of the hose or will not be run over by other heavy equipment | | |  |  |  |
| **12** | Obtain an effective permit-to-work for hot work condition before the start of work | | |  |  |  |
| **13** | Check if thorough inspection of the workplace has been conducted before issue of the hot work permit | | |  |  |  |
| Remark (if any): | | | | | | |
| **Total** | | | |  |  |  |
| **% of safe performance =** | |  | |  | | |