

### 3.4. Work Permit Culture

- 3.4.1.** Every type of work conducted on construction site such as Hot Work, Cold Work, Confined Space Work, Electrical Work etc. shall be through work permit procedure, where authorized safety team and supervisor issues work permits to contractor team leader upon enquiring nature of work involved and safety measures that are in place and need to be taken, including personal protective equipment, associated equipment shut-offs and work site inspection. Such work permit practices shall be followed as required by **Table 12.4.**

**Table 12.4: Work Permit Requirements**

ITEMS	REQUIREMENTS
<b>1. HOTWORK</b>	<p><b><u>1. WORK PERMIT CULTURE</u></b></p> <ol style="list-style-type: none"> <li>Hot work includes any work involving operations capable of initiating fires or explosions, including cutting, welding, brazing, soldering, grinding, thermal spraying, thawing pipe, torch applied roofing or any other similar activity.</li> <li>The use of hot work equipment shall be in accordance with the following requirements, including a pre-site inspection, fire watch and post inspection procedures.</li> <li>Written permission shall be obtained 24 hours in advance of work from the contracting officer's technical representative or team leader and building operation manager.</li> <li>Internal permit shall be issued on a daily basis for all welding, cutting, brazing and other open flame producing operations when it is determined that the               <ol style="list-style-type: none"> <li>Work can be done safely at the requested location.</li> <li>Combustibles have been separated from the work area.</li> <li>The atmosphere is not flammable</li> <li>A fire watch is posted for the work period and 30 minutes thereafter.</li> </ol> </li> <li>An inspection of the hot work site shall be conducted by the general contractor or his/her designee prior to hot work operations to ensure the following.               <ol style="list-style-type: none"> <li>The hot work site is clear of combustibles or that combustibles are protected.</li> <li>Exposed construction is of non combustible materials or that combustible materials are protected.</li> <li>Openings are to be protected.</li> <li>There are no exposed combustibles on the opposite side of the partitions, walls, ceilings, floors etc.</li> <li>Fire extinguishers are available, fully charged and operable.</li> <li>Fire watch personnel are assigned, equipped and trained.</li> </ol> </li> <li>The fire watch shall be maintained a minimum of 30 minutes after the conclusion of the work to look out for leftover sparks, slag or smoldering combustibles.</li> <li>"Work Permit" culture shall be strictly followed.</li> <li>The Hot Work Permit Tag shall be available on work location at all times.</li> </ol>