

Table 12.3: Required Preventive Actions to be taken

ITEMS	REQUIREMENTS
5. TEMPORARY ENCLOSURES	<ul style="list-style-type: none"> i. Only noncombustible panels, flame-resistant tarpaulins or approved materials of equivalent fire-retardant characteristics shall be used. ii. Any other fabrics or plastic films used shall be certified as conforming to the requirements of Test Method #2 contained in NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films. See Chapter 1. Section 7. iii. Where used to enclose structures, forming equipment and similar items, the enclosing material shall be fastened securely or guarded by construction so it cannot be blown by the wind against heaters or other sources of ignition. iv. Temporary enclosures shall be equipped with at least one fire extinguisher suitable for all classes of Fires that are expected in that enclosure. Extinguishers shall comply with Chapter 4. Fire Extinguishers.
6. EQUIPMENT/ MOTORIZED EQUIPMENT	<ul style="list-style-type: none"> i. Internal combustion engines and associated equipment, such as air compressors, hoists, derricks, generators, pumps and similar devices shall be located so that the exhausts discharges well away from combustible materials. ii. Where the exhausts are piped outside the structure under construction, alteration, or demolition, a clearance of at least 230 mm shall be maintained between such piping and combustible material. iii. Internal combustion engines and associated equipment shall be shut down and allowed to cool sufficiently prior to refueling. iv. Service areas for equipment shall not be located within structures under construction, alteration, or demolition. v. Fuel for internal combustion engines shall not be stored within structures under construction, alteration, or demolition.
7. TEMPORARY HEATING EQUIPMENT	<ul style="list-style-type: none"> i. Temporary heating equipment such as LPG fueled, Oil-fired heaters shall be listed and shall be installed, used, and maintained in accordance with the manufacturer's instructions. ii. Chimney or vent connectors, where required from direct-fired heaters, shall be maintained at least 460 mm from combustibles. iii. Heating equipment shall be secured properly and kept clear from combustible materials. Refueling operations shall be conducted in approved manner. iv. Heating devices shall not be used in areas where flammable liquids are being sprayed. Propane and kerosene heaters are prohibited inside buildings. Heating equipment shall not be kept unattended when it is operating. v. Heating equipment shall be located a minimum of 1 m away from combustibles and in an area where it is not likely to overturn. vi. Temporary heating equipment, where utilized, shall be monitored for safe operation and maintained by properly trained personnel.
8. CONSTRUCTION MATERIALS	<ul style="list-style-type: none"> i. Construction materials (drop clothes, tarps etc.) shall be non combustible or fire retardant with a maximum flame spread of 25, as tested in accordance with ASTM E-84 or UL 723. ii. Plastic sheeting shall be fire retardant type. iii. Wood used in temporary or permanent construction shall be fire retardant pressure impregnated. iv. All materials used for temporary or permanent construction shall comply with SD410 requirements.