

Table 12.7.: Safe Work Practices

ITEMS	REQUIREMENTS
4. ROOFING	<p><u>10. FUEL FOR ROOFING OPERATIONS</u></p> <ul style="list-style-type: none"> i. Fuel containers, burners, and related appurtenances of roofing equipment in which liquefied petroleum gas is used for heating shall comply with all the applicable requirements of NFPA 58, Liquefied Petroleum Gas Code. ii. Fuel containers having capacities greater than 0.45 kg (1 lb) shall be located at least 3000 mm from the burner flame or at least 600 mm there from where properly insulated from heat or flame. iii. Solid fuel or Class I liquids shall not be used as fuel for roofing kettles. iv. LP-Gas cylinders shall be secured to prevent accidental tip over. v. Where in the opinion of the authority having jurisdiction, there is danger of physical damage to the fuel containers, protection shall be provided.
5. DEMOLITION OPERATIONS	<p><u>1. SPECIAL PRECAUTIONS</u></p> <ul style="list-style-type: none"> i. Special precautions shall be taken where demolition work is performed in areas where floors are soaked with oil or other flammable liquid; where dust accumulations are present; or where combustible insulation is present in floors, walls, or ceilings/roofs where hot work is being performed. In these situations, charged fire hose lines of an adequate number shall be provided. ii. Flammable and combustible liquids shall be drained from tanks and machinery reservoirs in a safe manner and removed from the building immediately. iii. Particular attention shall be paid to the removal of residue and sludge accumulations if hot work operations are involved. <p><u>2. DEMOLITION USING EXPLOSIVES</u></p> <ul style="list-style-type: none"> i. If explosives are used in demolition work (implosion), fire hose lines at least two of 38 mm (1.5 in.) diameter or one 64 mm (2.5 in.) diameter shall be provided in the immediate vicinity of the demolition site during the actual detonation. ii. The required fire hose lines shall be of sufficient length to be capable of extinguishing any small fire anywhere on the demolition site after detonation. <p><u>3. FUEL GAS SUPPLY</u></p> <ul style="list-style-type: none"> i. Prior to demolition, gas supplies shall be turned off and capped at a point outside the building. ii. Gas lines within the building shall be purged after capping.
6. FIRE PROTECTION SYSTEMS	<ul style="list-style-type: none"> i. Where construction site fire protection systems are provided as per Section 3.8. and building is equipped with sprinklers, the sprinkler protection shall be retained in service as long as the condition requiring the use of sprinklers exists. ii. The operation of sprinkler control valves shall be permitted only by properly authorized personnel and shall be accompanied by the notification of designated parties. iii. Where the sprinkler protection is regularly turned off and on to facilitate removal and capping of segments, the sprinkler control valves shall be checked at the end of each work shift to ascertain that protection is in service. iv. Standpipes shall be maintained in conformity with the progress of construction activity in such a manner that they are always ready for fire department use.