

Equipment Room Safety Procedures

Equipment rooms where air conditioning equipment is installed shall be kept free and clear of all trash and clutter which could present tripping or fire hazards. Refrigerant piping shall be properly insulated, both to improve operating efficiency and to prevent injury to workers who may accidentally come in contact with it. Equipment rooms are not normally designed for, nor intended for, storage of materials.

All belts, pulleys, and rotating shafts shall be guarded to prevent accidental contact. Large valve handle stems which can present a bump or trip hazard shall be marked (color coded) for easy recognition.

Electrical parts of the equipment and controls shall have all covers and plates in place.

Wiring shall be properly secured to the equipment or structure.

Storage and Handling

Storage and handling of cylinders of compressed gas refrigerants can be a source of injury to workers.

Workers shall ensure that containers are legibly marked with the type of gas contained and stored with minimum intermingling of types of refrigerant.

Cylinders shall be stored separately from flammable gases and oxygen.

Where caps have been provided for valve protection, they shall be kept in place at all times until the cylinder is actually in use. Valves shall be kept closed at all times except when the cylinder is in use.

Cylinders shall not be used as rollers or supports. Their only use is to contain the gas.

Non-refillable containers, such as Department of Transportation (DOT) -2P, DOT 2Q, and DOT 39 containers, shall not be refilled with any material after use of the original contents. They shall be disposed of in accordance with the container manufacturer's or filler's instructions.

Cylinders shall not be dragged, slid, dropped, or allowed to strike each other or solid objects violently. Whenever possible, a suitable hand truck or roll platform shall be used.

