



APPROVED	GENERAL FIRE FIGHTING	STANDARD NO.
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703.3 Fire Fighting703.3.1 General

- a. This specification covers equipment and procedures designed to minimize the consequences of accidentally released LNG, flammable refrigerants, flammable liquids, and flammable gases.
 1. Compliance with the provisions of this specification does not relieve the contractor or supplier of the responsibility of furnishing Fire Fighting equipment and accessories of proper design, mechanically suited to meet operating guarantees at specified service conditions.
 2. This specification does not cover fire resistant construction, insulation or fireproofing, trenching or fire-walling, electric bonding or earthing.
 3. An approved alerting and communication system is required with fire detector systems for special risks.
 4. Interchangeability of equipment within gas refineries shall be a primary consideration.
 5. All equipment provided shall be in accordance with the requirements of National Fire Code, "Latest Edition" and National Iranian Code for Fire Fighting.
- b. Detailed plans shall be made to cover emergency procedures, emphasizing shutdown, cutting off gas supply and liquid flow into the plant, isolations of various portions of the equipment, depressurizing and other applicable steps to ensure that the escape of gas or liquid is promptly cut off or reduced as much as possible, whether or not the fire has occurred.
- c. Emergency controls shall be conspicuously marked with their designated function, and located insofar as practical to be readily accessible in emergencies.
- d. Smoking and the use of nonprocess open flames within the plant fence shall be prohibited, with the following exceptions:
 1. Smoking may be permitted in designated and properly sign-posted areas.
 2. Welding, cutting and similar operations shall be conducted at times and places specifically permitted in writing and under constant supervision of NIGC representative.
 3. After a facility is in operation, the provisions of Fire Prevention in use of cutting and welding processes, NFPA No. 51B, shall be followed.