

First Draft Amendment as of June 18, 2025

IFC 2021

914.8.3.1 Hazardous operations.

Any Group III aircraft hangar in accordance with [Table 914.8.3](#) that contains hazardous operations including, but not limited to, the following shall be provided with a Group I or II fire suppression system in accordance with [NFPA 409](#) as applicable:

1. Doping.
2. *Hot work* including, but not limited to, welding, torch cutting and torch soldering.
3. Fuel transfer.
4. Fuel tank repair or maintenance not including defueled tanks in accordance with [NFPA 409](#), inerted tanks or tanks that have never been fueled.
5. Spray finishing operations.
6. Total fuel capacity of all aircraft within the unsprinklered single *fire area* in excess of 1,600 gallons (6057 L).*
7. Total fuel capacity of all aircraft within the maximum single *fire area* in excess of 7,500 gallons (28 390 L) for a hangar equipped throughout with an *automatic sprinkler system* installed in accordance with [Section 903.3.1.1](#).*

*Subsections (6) and (7) above shall not apply to Group III aircraft hangars 12,000 square feet or less than that are equipped with a monitored fire alarm system.

Proposed Draft Amendment as of August 4, 2025

IFC 2021

914.8.3.1 Hazardous operations.

Any Group III aircraft hangar in accordance with [Table 914.8.3](#) that contains hazardous operations including, but not limited to, the following shall be provided with a Group I or II fire suppression system in accordance with [NFPA 409](#) as applicable:

1. Doping.
2. *Hot work* including, but not limited to, welding, torch cutting and torch soldering.
3. Fuel transfer.
4. Fuel tank repair or maintenance not including defueled tanks in accordance with [NFPA 409](#), inerted tanks or tanks that have never been fueled.
5. Spray finishing operations.
6. Total fuel capacity of all aircraft within the unsprinklered single *fire area* in excess of 1,600 gallons (6057 L).*
7. Total fuel capacity of all aircraft within the maximum single *fire area* in excess of 7,500 gallons (28 390 L) for a hangar equipped throughout with an *automatic sprinkler system* installed in accordance with [Section 903.3.1.1](#).*

Exceptions:

Subsection 6 shall not apply to Group III aircraft hangars with a single fire area of 6,500 square feet or less that are used for storage or servicing of aircraft if equipped with a monitored fire alarm system.

Subsections 6 and 7 shall not apply to Group III aircraft hangars with a single fire area greater than 6,500 square feet, but less than 12,000 square feet used for storage or service of aircraft if equipped with a monitored fire alarm system and a wet, dry, dual action, or deluge automatic sprinkler system.