

## **8. Fire and Safety**

All fire and fire related safety provisions of these Rules and Regulations, including hazardous materials, shall be in accordance with applicable sections of the Los Angeles Fire Code (LAFC), California Fire Code (CFC), and/or the National Fire Protection Association (NFPA) Codes and Standards, and all applicable laws, rules, and regulations as enforced by the Los Angeles Fire Department (LAFD) Airport Fire Inspector.

### **8.1. Fire Inspector/Inspections**

- 8.1.1.** The LAFD Airport Fire Inspector(s) shall enforce all applicable sections of these Rules and Regulations pertaining to fire protection, fire prevention, and fire spread control and shall be allowed to inspect any Los Angeles International Airport (LAX) facility.
- 8.1.2.** All buildings, structures, and premises shall be inspected periodically by the LAFD Airport Fire Inspector, or his duly authorized representatives, to ensure compliance with these Rules and Regulations.
- 8.1.3.** In addition, any representative of LAX Airport Operations or Airport Police is authorized by the General Manager to check for fire hazards or flammable conditions on airport property.

### **8.2. Handling of Explosives and Other Hazardous Materials**

- 8.2.1.** Hazardous materials regulated in this section shall include but not be limited to the materials cited in the following:
  - a.** Regulations of the U. S. Department of Transportation published in Title 49 CFR Parts 100 through 199, as amended.
  - b.** Director's List, as amended, issued by the Director of the California Department of Industrial Relations in Title 8, California Code of Regulations, Section 339
  - c.** Sections 66680 and 66685 of Title 22 of the California Administrative Code, as amended, as a hazardous and/or extremely hazardous material or hazardous and/or extremely hazardous waste or non-waste form.
  - d.** List of Environmental Protection Agency (EPA) pollutants, 40 CFR, Section 401.15, as amended.
  - e.** List of hazardous materials prepared by the Director of Health pursuant to the Health Code.
- 8.2.2.** Class 1.1 explosives and explosives not acceptable for transportation under applicable federal regulations are not permitted on the Airport unless a written waiver authorizing such materials is granted by the General Manager or designee.
- 8.2.3.** No person shall transport Class 1.3 explosives in or upon the Airport unless in compliance with the following:
  - a.** The Federal Aviation Administration (FAA) Air Traffic Control (ATC) Tower, LAFD Fire Station 80, and LAX Airport Operations are notified in advance of the type and amount whenever these explosives are in transit through the Airport.
  - b.** All federal, state and city laws are adhered to by the operator of the aircraft.
  - c.** Aircraft malfunctions divert landings from a military installation.

- 8.2.4.** Storing explosives on the Airport is prohibited unless a prior written waiver authorizing the storage of such materials is granted by the General Manager.
- 8.2.5.** No person shall store, keep, handle, use, dispense, or transport, in or upon the Airport, any explosives, blasting agents, flammable liquids, combustible liquids, flammable solids, oxidizers, organic peroxides, corrosive materials, flammable gases, nonflammable gases, and Poisons A.
- 8.2.6.** Poisons B, irritating materials (ORM A, B, C, D and E), or cryogenic liquids shall not be stored, kept, handled, used, dispensed or transported in or upon the Airport at such time or place or in such a manner or condition as to unreasonably endanger (or as to be likely to endanger) persons or property. For purposes of this hazardous class scheme, the U.S. Department of Transportation (DOT) definitions as stated in Title 49-Code of Fire Regulations (CFR) Parts 171-177 as amended shall be utilized.
- 8.2.7.** Hazardous materials regulated in this section shall also include any material which has been determined to be hazardous based upon any appraisal or assessment by or on behalf of the party storing this material in compliance with the requirements of the EPA or the California Department of Health Services; or which should have been, but was not determined to be hazardous due to the deliberate failure of the party storing the material to comply with the requirements of the EPA and/or the Department of Health Services.
- 8.2.8.** All applicable regulations governing explosives which are acceptable for transportation must be strictly adhered to. Any other material subject to federal or state regulations governing hazardous materials must be handled in strict compliance with those regulations and any other more restrictive regulations that the General Manager might deem necessary to impose. Any waiver of such regulations, or any part thereof by the FAA or by any other competent authority, shall not constitute or be construed to constitute a waiver of this rule by the General Manager or an implied permission by him/her.
- 8.2.9.** Advance notice of at least twenty-four hours shall be given to the General Manager through the Airport Response Coordination Center (ARCC) (424) 646-5292 for any operations requiring permission pursuant to this rule.
- 8.2.10.** Permission may be given for the movement of radioactive materials only when such materials are packaged, marked, labeled, and limited as required by regulations applying to transportation of explosives and other dangerous articles and if they do not create undue hazard to life or property at the Airport. The LAFD shall provide the General Manager or designee with information relative to the hazards of any material subject to this section.
- 8.2.11.** All Airport tenants involved with the handling of hazardous materials shall provide the Airport with a Hazardous Materials Removal Plan. The plan will include the name of the company used for removal of hazardous materials and the names and 24-hour telephone numbers of tenant staff authorized to handle such removals. The plan will be updated annually.

**8.3. Hazmat Transport**

**8.3.1.** Transportation of Hazardous Material

- a. Exceptional care shall be exercised when transporting hazardous material.
- b. The freight/cargo must be secured before movement on the Air Operations Area (AOA).
- c. Any violations shall be reported to the ARCC (424) 646-5292.

**8.4. Fire Protection Systems and Fire Extinguishers**

**8.4.1.** Do not block, wedge, obstruct, or otherwise causing or allowing impairment of the operation of a fire assembly as listed below pursuant to the corresponding Los Angeles Municipal Code (LAMC).

- a. Fire Doors - LAMC 57.703.2
- b. Fire Alarms - LAMC 57.901.8
- c. Fire Department Connection (FDC) or Fire Hydrants - LAMC 57.507.5.4.1
- d. Fire Extinguishers - LAMC 57.906.2.3
- e. Fire Hoses - LAMC 57.905.5

**8.4.2.** A minimum of 18 inches of clear space shall be afforded around automatic sprinkler and standpipe control valves and Fire Department inlet connections pursuant to LAMC 57.903.3.9.

**8.4.3.** Do not block, impede, or obstruct any exit pursuant to LAMC 57.1030.2.

**8.4.4.** Do not block, impede, or obstruct any hallways pursuant to LAMC 57.1030.2.

**8.4.5.** Keep space clear under stairways and shall not be used for any purpose pursuant to LAMC 315.3.12.3.

**8.4.6.** Fire extinguisher equipment shall not be tampered with at any time, nor used for any purpose other than firefighting or fire prevention.

**8.4.7.** All fire extinguishers and fire protection systems shall be inspected for conformity with NFPA and any other applicable codes/regulations.

**8.4.8.** Tags showing the date of the last inspection of the fire extinguishers and fire protection systems shall not be removed.

**8.4.9.** Fire extinguishers of the type recommended by the NFPA for specific materials are required at all locations handling flammable materials.

**8.4.10.** Emergency fuel shut-offs for underground hydrant fueling systems shall be conspicuously located, marked, and easily accessible.

**8.4.11.** Blocking of any emergency fuel shut-off (EFSO) is strictly prohibited.

**8.4.12.** Airport fire protection systems and equipment shall not be tampered with at any time.

**8.4.13.** Only person(s) authorized by the Los Angeles Fire Marshalls Office shall operate, maintain, or repair any fire protection system(s).

- 8.4.14.** Tenants in their respective leaseholds shall have their own fire protection systems. Each system shall be maintained and tested annually by a certified tester authorized by the Los Angeles Fire Marshalls Office.
- 8.4.15.** Los Angeles World Airports (LAWA) Central Utility Plant (CUP) (424) 646-6639 / (424) 646-6640 or (310) 646-3276 shall be notified anytime a fire protection system is not operating.
- 8.4.16.** Use of a fire extinguisher under any circumstances shall be reported to Airport Police Dispatch (424) 646-7911, and as soon as practical, the ARCC (424) 646-5292.

**8.5. Open Flames (Welding)**

- 8.5.1.** Prior to commencing open flame welding at gate positions or buildings, the ARCC (424) 646-5292 shall be notified at least 12 hours in advance.
- 8.5.2.** Open flame welding at gate positions or buildings requires a special welding permit to be obtained from the LAFD (213) 473-7770 / (213) 473-7776 at least 2 working days prior to commencing.
- 8.5.3.** A fireguard is required at all times during welding.
- 8.5.4.** Open flame welding within 50 feet of aircraft fueling operations is prohibited.
- 8.5.5.** A fire extinguisher must be present at the site during welding operations.

**8.6. Reporting Fires**

- 8.6.1.** Any fire on the Airport premises shall be immediately reported to Airport Emergency Dispatch at (424) 646-7911 or 911 and when able, the ARCC (424) 646-5292.
- 8.6.2.** No person or company shall make any regulation or order, written or verbal, which would require any person to take any unnecessary delaying action prior to reporting such fire.

**8.7. Litter and Cleaning of Allotted Space**

- 8.7.1.** Each tenant shall keep his or her leasehold free from rubbish and debris.
- 8.7.2.** All floors shall be clear of fuel, oil, and litter.
- 8.7.3.** The use of volatile or flammable solvents for cleaning floors is prohibited.
- 8.7.4.** Flammable materials shall be stored only in approved containers and shall be clearly marked as flammable.
- 8.7.5.** Approved metal receptacles with tight-fitting, self-closing covers shall be used for the storage of oily waste rags and similar materials.
- 8.7.6.** The contents of the approved metal receptacles shall be removed daily.

8.7.7. Clothing lockers shall be constructed of metal or fire-resistant materials.

**8.8. Cleaning Ramps and Other Surfaces**

8.8.1. Any spillage or discharge of fuel, oil, grease or any other material shall be removed immediately by suitable procedures in a manner satisfactory to the General Manager or designee. The ARCC (424) 646-5292 shall be contacted immediately for any spills.

8.8.2. The responsibility for the immediate removal of such fuel, oil, grease, or other material shall be assumed by the operator of the equipment causing the spill.

**8.9. Control of Contaminants**

8.9.1. No fuel, oil, grease, flammable liquids, or contaminants of any kind, including detergents used to wash aircraft or other surfaces, shall be allowed to flow into or to be placed in any sewer system or open water areas without a separator unless connected to an industrial waste system.

8.9.2. Equipment used to scrub pavement surfaces must have the capability of picking up all cleaning water for disposal at a location equipped with a permitted clarifier authorized for such use.

NOTE: See Appendix 02 - Best Management Practices (BMPs).

**8.10. Aviation Fuel Delivery Permits**

8.10.1. Section 15 - Airfield Operating Permits and Fees Paragraph 15.5 Non-Exclusive Fuel Delivery Permit.

**8.11. Tenant Fueling Services**

8.11.1. Tenants, who perform fueling services, must have for their employees an approved training program conforming to regulatory standards.

8.11.2. Tenants must provide annual written certification to the General Manager through LAX Airport Operations certifying that the training required by this section has been accomplished.

**8.12. Aircraft Parts Cleaning Materials**

8.12.1. Cleaning of aircraft parts and other equipment shall be done preferably with non-flammable cleaning agents.

8.12.2. If flammable combustibles must be used, only liquids having flash points in excess of 100 degrees Fahrenheit (38 degrees Celsius) shall be used, and special precautions shall be taken to eliminate ignition sources complying with good practice recommendations of the uniform fire code and the NFPA.

**8.13. Paint, Varnish, and Lacquer Use**

**8.13.1.** Paint, varnish, or lacquer spraying operations, the arrangement, construction, ventilation, and protection of spraying booths and the storing and handling of materials shall be in accordance with the standards of the uniform fire code and the NFPA.

**8.14. Sewage, Industrial Waste, Toxic, and Hazardous Waste**

**8.14.1.** Tenants shall comply with the requirements of LAWA Hazardous Materials Management Policy (BOAC Resolution No. 15945) regarding the discharge of sewage and industrial waste.

**8.14.2.** No person shall generate, store, keep, handle, transport, treat, or dispose of hazardous waste (as defined by the Resource Conservation and Recovery Act, Title 40, CFR Part 261 or succeeding legislation) in or upon the Airport.

**8.15. Methanol Storage**

**8.15.1.** Methanol shall be treated in the same manner as gasoline.

**8.15.2.** A maximum of two containers of methanol may be stored at gate positions and only in areas which are not in or under buildings or stairways.

**8.15.3.** The bulk storage of methanol will be on leaseholds only.