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## Section 6– Fire Safety

All fire and fire related safety provisions of these Rules and Regulations, including hazardous materials, shall be in accordance with applicable sections of Code of Federal Regulations (CFR), California Fire Code, and/or the National Fire Protection Association (NFPA) Codes and Standards; including, all applicable laws, rules, and regulations as enforced by the City of Ontario Fire Department Inspector assigned to ONT as coordinated by OFD Station 10 command staff.

### 6.1 Fire Inspector

- 6.1.1 It shall be the duty of the City of Ontario Fire Marshall to enforce all applicable sections of these Rules and Regulations pertaining to fire protection, fire prevention and fire spread control at ONT.
- 6.1.2 All buildings, structures and premises shall be inspected periodically by a City of Ontario, Fire Marshall, or his/her duly authorized representative, to ensure compliance with these Rules and Regulations.
- 6.1.3 In addition, any representative of OFD Station 10, OPD Airport Bureau, Airport Operations or Safety Management, is authorized by the ONT CEO or his/her authorized representative to conduct inspections for fire hazards or flammable conditions on airport property.

### 6.2 Handling of Explosives and Other Hazardous Materials

- 6.2.1 Class 1.1 explosives and any explosives not acceptable for transportation under applicable federal regulations are not permitted at ONT, unless a written waiver authorizing such materials is granted by the ONT CEO or his/her authorized representative.
- 6.2.2 No person shall transport Class 1.3 explosives in or upon the Airport unless in compliance with the following:
  - 6.2.2.1 The FAA ONT Air Traffic Control Tower (ATCT), OFD Station 10, OPD Airport Bureau, and ONT Airport Operations are notified in advance of the type and amount whenever these explosives are in transit through the Airport.
  - 6.2.2.2 All federal, state and city laws are adhered to by the operator of the aircraft.

- 6.2.2.3 Aircraft with an in-flight malfunction shall attempt to land at a military installation before continuing to ONT for landing.
- 6.2.2.4 No person shall store explosives at ONT, unless a prior written waiver authorizing the storage of such materials is granted by the ONT CEO or his/her authorized representative.
- 6.2.2.5 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.
- 6.2.3 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 endanger unreasonable or as to be likely to endanger unreasonable persons or property. For purposes of this hazardous class scheme, the U.S. Department of Transportation (DOT) definitions as contained in 49 CFR, Parts 171-177, as amended, shall be utilized.
- 6.2.4 Hazardous Materials regulated at ONT shall include, but not be limited to, those materials enumerated in:
  - 6.2.4.1 Regulations of the U. S. Department of Transportation published in 49 CFR, Parts 100 through 199, as amended.
  - 6.2.4.2 The 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.
  - 6.2.4.3 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.
  - 6.2.4.4 The list of Environmental Protection Agency (EPA) pollutants, 40 CFR, Section 401.15, as amended.

- 6.2.4.5 A list of hazardous materials prepared by the San Bernardino County Director of Health pursuant to the SBSO Health Code. Hazardous materials regulated 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.
- 6.2.5 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 ONT CEO or an authorized representative 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.
- 6.2.6 Advance notice of at least twenty-four (24) hours shall be given to the ONT CEO or his/her authorized representative through the Airport Control Center, (909) 544-5454 for any operations requiring permission pursuant to this rule.
- 6.2.7 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 which do not create undue hazard to life or property at ONT. OFD Station 10 shall provide the ONT CEO or his/her authorized representative with information relative to the hazards of any material subject to this Section.
- 6.2.8 All Airport tenants involved with the handling of hazardous materials must 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.

### **6.3 Fire Extinguishers and Equipment**

- 6.3.1 Fire extinguisher equipment at ONT shall not be tampered with at any time, nor used for any purpose other than firefighting or fire prevention. All such equipment shall be inspected for conformity with NFPA Codes. Tags showing the date of the last inspection shall be left attached to each unit.
- 6.3.2 Fully charged and currently inspected fire extinguishers, of the type recommended by the NFPA Codes for specific materials, are required at all locations handling flammable materials.
- 6.3.3 At all re-fueling facilities (farms), fuel cut off valves are conspicuously located and marked for use during emergencies involving underground fuel flow systems.
- 6.3.4 Airport fire protection systems and equipment shall not be tampered with at any time. No person other than authorized employees or representatives of the OIAA shall turn such equipment on and off, or operate any other Airport equipment except for testing, maintenance or repair only. Tenants in their respective leaseholds shall turn such equipment on and off for testing, maintenance or repair only. The Airport Control Center (909) 544-5454 must be notified anytime a fire protection system is not operating.

### **6.4 Open Flames (WELDING)**

- 6.4.1 Prior to commencing open flame welding at passenger terminal gates, aircraft parking positions, or buildings and upon OIAA management approval, OFD Station 10, (909) 544-5490, and ONT Airport Control Center, (909) 544-5454, must be notified at least 12 hours in advance.
- 6.4.2 Welding within the presence of passengers and the public is prohibited unless otherwise authorized by management and proper public and equipment protection.
- 6.4.3 A fireguard is always required during welding.
- 6.4.4 Open flame welding within 50 feet of aircraft refueling operations, or refueling facilities, is prohibited.
- 6.4.5 A fire extinguisher must be present at the site during welding operations.

## **6.5 Reporting Fires**

Any person observing any unattended or uncontrolled fire on the Airport premises shall immediately report it directly to OFD Dispatch (911). No person shall make any regulation or order, written or verbal, requiring any person to take any unnecessary delaying action prior to reporting a fire to OFD Station 10 or City of Ontario Fire Department.

## **6.6 Litter and Cleaning of Allotted Space**

6.6.1 Each tenant at the Airport shall keep their allotted space, or leasehold, are policed and free from rubbish and debris. Flammable materials shall be stored only in approved containers in or about tenant areas and all floors shall be clean of fuel, oil and litter.

6.6.2 The use of volatile or flammable solvents for cleaning floors is prohibited. Approved metal receptacles with tight-fitting, self-closing covers shall be used for the storage of oily waste rags and similar materials. The contents of these receptacles shall be removed daily. Clothes lockers shall be constructed of metal or fire-resistant materials.

## **6.7 Cleaning Ramps and Other Surfaces:**

Any spillage or dripping of fuel, oil, grease or any other material which may be unsightly, unsafe to personnel and/or property or detrimental to the pavement in any area on the Airport shall be removed immediately by suitable procedures in a manner satisfactory to the ONT CEO or his/her authorized representative. 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 spillage.

## **6.8 Control of Contaminants**

6.8.1 No fuel, oil, grease, flammable liquids, or contaminants of any kind; including, detergents, polishing compounds or metal etching agents, used to dry wash aircraft or other surfaces, shall be allowed to flow into or be placed in any sewer system, storm drain, or open water area, not equipped with an OIAA permitted separator, clarifier, or industrial waste system. If done so, the Airport Control Center at (909) 544-5454 must be contacted.



- 6.8.2 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.

## **6.9 Fueling Operations**

As part of the OIAA Stormwater Pollution Prevention Program (SWPPP), the OIAA has developed Best Management Practices (BMP) related to aircraft, vehicle, and equipment fueling, they are:

- 6.9.1 Aircraft refueling is prohibited when the aircraft being refueled engine(s) are running. Aircraft Auxiliary Power and Ground Power Units are exempt.
- 6.9.2 Per NFPA Section 407 guidelines for fueling operations during lightning activity, refueling operations shall be discontinued when lightning ground strike frequency and intensity occurring within 5 statute miles of ONT and within 10 minutes of each strike, indicates refueling safety is compromised, as determined by ONT Airport Control Center, (909) 544-5454
- 6.9.3 During aircraft refueling operations, the refueling vehicle and aircraft must be properly bonded in order to prevent the possibility of ignition of the fuel.
  - 6.9.3.1 Prior to any transfer and during refueling or defueling process, the fueling equipment and the aircraft shall be bonded, thus providing a conductive path to equalize the potential between the fueling equipment and the aircraft.
  - 6.9.3.2 The bond shall be maintained until fueling connections have been removed, allowing separated charges that could be generated during refueling operations to reunite. Bonding of an under-wing refueling nozzle to the aircraft is not required when a metal clamping contact between the nozzle and the filler connection is adversely affected.
- 6.9.4 Earth” grounding (earthing) is not required during the fueling of an aircraft. However, this does not preclude electrical earthing requirements for other operations being conducted; If ground support equipment is connected to the aircraft, or if other operations are being conducted that require electrical earthing, separate connections must be made for this purpose.

- 6.9.5 No refueling vehicle shall be parked, stored, repaired or operated within 50 feet of a building or hangar, other than a refueling service area, or within 10 feet of any other refueling vehicle, in order to maintain defensible space for firefighting purposes.
- 6.9.6 During fuel handling operations in connection with any aircraft, at least one 2-wheel type fire extinguisher meeting the requirements of NFPA shall be immediately available for use.
- 6.9.7 No person shall perform any act or use any material which is likely to cause a spark within five (5) feet of any aircraft while the fueling process is being conducted.
- 6.9.8 No airborne radar equipment shall be operated, or ground tested on any passenger ramp, apron area, or any area when the directional beam of high intensity radar is within 300 feet or the low intensity beam (less than 50kw output) is within 100 feet of another aircraft, an aircraft refueling operation, an aircraft refueling truck or a flammable liquid storage facility.
- 6.9.9 During fuel handling in connection with any aircraft, no passenger shall be permitted to remain in such aircraft or to enter or depart from such aircraft unless a qualified attendant is at each door that is in use for this purpose, and unless means of safe egress is in position in the event that such device is required for the safe and rapid debarkation of the passengers.
- 6.9.10 During fuel handling operations in connection with any aircraft, no person shall allow any motorized ground equipment to be positioned under such aircraft's wing tip. Aircraft fuel tanks are vented through the wing tips, which may produce a dangerous and explosive mixture. Fueling operations shall immediately be terminated should anyone position a vehicle under a wing tip.
- 6.9.11 Persons engaged in aircraft fuel handling shall exercise care to prevent overflow of fuel.
- 6.9.12 All operators of aircraft at ONT, who receive aviation fuel, including all persons who supply aviation fuel, shall use aviation fuel storage areas, and delivery facilities (fuel farms), designated by the ONT CEO or his/her authorized representative for such use.

- 6.9.13 If for any period during which these facilities are not available, the operators may make other arrangements with their suppliers of aviation fuel for deliveries thereof to their aircraft, provided that such other arrangements shall be subject to the approval of the ONT CEO or his/her authorized representative from the standpoint of safety, traffic control and similar matters.
- 6.9.14 The transfer of bulk aircraft or commercial fuel from one refuel service vehicle to another is prohibited within the boundaries of the Airport without prior approval and presence of OFD Station 10 personnel.
- 6.9.15 Automotive and ramp equipment other than refueling service vehicles and tank vehicles shall be refueled by fuel service contractors authorized by the ONT CEO or his/her authorized representative and only at prescribed locations and from dispensing systems approved by the ONT CEO or his/her authorized representative.
- 6.9.16 The presence of unsafe tank vehicles and refueling service vehicles at ONT, is likely to endanger persons or property in or upon the Airport and render the use of the Airport unsafe. Therefore, no such tank vehicle and/or refueling service vehicle shall be allowed in or upon any area of the Airport unless it conforms to the rules and regulations provided in this section, in addition to all other rules and regulations for the use of the Airport.
- 6.9.17 No tank vehicle or refueling service vehicle shall be used for transportation of flammable liquids at ONT unless registered, inspected at least quarterly and approved by OFD Station 10 personnel.
- 6.9.18 Every fueling unit shall be provided with signs visible from the outside and showing the name of the firm or corporation operating the unit and the type of fuel contained therein, and in accordance with DOT and NFPA Section 407.
- 6.9.19 All fueling vehicles operating on ONT AOA shall be properly equipped and maintained and must meet the requirements established by the ONT CEO or his/her authorized representative.

- 6.9.20 All fueling vehicles operating on ONT AOA are subject to on-the-spot inspection, by the ONT CEO or his/her authorized representative to determine if the vehicle meets OIAA requirements for safe operating conditions.
- 6.9.21 Smoking by any person on or within fifty (50) feet of a tank vehicle, refueling service vehicle, or within a fuel farm is prohibited.
- 6.9.22 The delivery of fuel shall always be under the control of the vehicle attendant, through the use of approved flow controlling devices operated by the attendant, designed to shut off automatically upon release of hand or foot pressure. Latching or fastening devices onto fuel control units is not permitted.
- 6.9.23 The driver, operator or attendant of any refueling vehicle shall be in attendance with the vehicle at all times when the vehicle is refueling an aircraft.
- 6.9.24 During the filling of fuel storage tanks, no compartment shall be completely filled and the driver, operator, or attendant, shall be present at the vehicle at all times. The fuel tank vehicle, the tank truck filling rack, and the flammable liquid discharge piping shall all be grounded to a point of zero electrical potential.
- 6.9.25 All fueling vehicles shall be equipped with at least two chock blocks. The parking brake shall be engaged, and wheel chocks shall be placed in such a manner as to prevent the forward or backward motion of the vehicle whenever it is parked, left unattended by the driver, or during loading and unloading operations.
- 6.9.26 When parked, refueling tank vehicles shall be positioned for immediate drive away, or towing, and a clear space of not less than ten (10) feet shall be maintained between any parked refueling tank vehicle and any similar or other parked or moving vehicle. In addition to the foregoing, where five (5) or more vehicles are parked, there shall be 150-pound dry chemical wheel-type fire extinguishers positioned so one or more units will be located no more than 100 feet from any vehicle. Tank vehicles and refueling service vehicles shall not be parked in any public area, except as designated by the ONT CEO or his/her authorized representative.

- 6.9.27 The motor of a refueling tank vehicle shall not be run during the filling of the truck storage tank, while making or breaking fuel filling connections, or during repairs to the fuel handling system. The propulsion motor for refueling service vehicles shall not be run during the fuel transfer and while making and breaking hose connections.
- 6.9.28 During refueling or defueling, tank vehicles shall be so placed as to be readily removable in event of fire, to permit direct driving away from the loading or refueling position. Not more than one (1) refueling vehicle shall be positioned to refuel each wing of an aircraft. When high capacity aircraft are refueled, additional refueling vehicles shall not be parked or positioned within 100 feet from the aircraft served and then only in areas approved by the ONT CEO or his/her authorized representative.
- 6.9.29 When it is deemed not feasible to dispense automotive fuel from underground tanks with a fixed fueling system, the ONT CEO, or her/his duly authorized representative, may permit fuel to be dispensed by an approved automotive fuel dispensing vehicle operated by an authorized fueling service contractor at an approved site. Such operations shall comply with the protective requirements and restrictions as designated by the ONT CEO or his/her authorized representative.
- 6.9.30 Automotive fuel dispensing vehicles shall not dispense fuel unless properly bonded.
- 6.9.31 Automotive fuel dispensing vehicles shall always carry a sufficient quantity of absorbent material, of a type approved by the ONT CEO or an authorized representative, to contain accidental fuel spills.

## **6.10 Fuel Spills**

- 6.10.1 **In the event of a fuel spill of any type** (Jet A, 100 Octane Low Lead gas, or Automobile Gasoline), **in any amount**, the fueling operator, or individual responsible, shall **immediately notify OFD Dispatch, (909) 983-5911**; additionally, the individual (company) shall also immediately notify ONT Airport Control Center, (909) 544-5454.
- 6.10.2 Should passengers evacuate an aircraft while at a passenger terminal due to a fuel spill, passengers shall not be re-admitted to the Passenger Boarding Bridge or the aircraft until permitted by OFD Station 10 personnel.

6.10.3 In the event of fuel spillage, when there is no apparent presence of fire, fuel delivery units shall not be moved until the spillage is dispersed or removed. Spilled fuel must be cleaned up immediately and the area secured. No aircraft or vehicular movement shall be allowed in the area until authorized by OFD Station 10 personnel.

### **6.11 Aviation Fuel Delivery Permits**

6.11.1 All Petroleum Product delivery companies or brokers, who engage in fuel delivery (by hydrant or tanker truck) to the OIAA and tenants' storage facilities or buy and sell fuel from storage facilities, shall be required to obtain a Fuel Delivery Permit. All companies who provide into plane fueling are required to obtain a Non-Exclusive License Agreement issued by the ONT CEO or his/her authorized representative, through the OIAA. See **Section 8, Operating Permits/Fees**.

### **6.12 Tenant Fueling Agents**

6.12.1 ONT Tenants, who perform Fueling Agent services, must have for their employees, an approved training program conforming to FAA, Part 139.321, regulatory standards.

6.12.2 At least one Fueling Supervisor, employed onsite by an ONT permitted Fueling Agent, must have completed an FAA certificated aviation fuel training course, in fire safety, prior to commencing fueling operations.

6.12.2.1 Recurrent supervisory training, in aviation fuel fire safety, must be completed within every 24 calendar months.

6.12.3 ONT Fueling Agents must provide annual written certification to the ONT CEO or his/her authorized representative, through OFD Station 10, (909) 544-5490, that all required training within this Section has been accomplished.

### **6.13 Aircraft Parts Cleaning Materials**

Cleaning of aircraft parts and other equipment shall be done preferably with non-flammable cleaning agents. When 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 in compliance with good practice recommendations of the uniform fire code and the NFPA.

### **6.14 Paint, Varnish, and Lacquer Use**

For 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 California State Fire Code, Air Resources Board - Air Quality Management District regulations.

### **6.15 Sewage, Industrial Waste, Toxic and Hazardous Waste**

- 6.15.1 Tenants shall comply with the requirements of OIAA Hazardous Materials Management Policy regarding the discharge of sewage and industrial waste.
- 6.15.2 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.

### **6.16 Methanol Storage**

- 6.16.1 Methanol shall be treated in the same manner as automobile gasoline.
- 6.16.2 A maximum of two containers of methanol may be stored at gate positions in areas not in or under buildings or stairways.
- 6.16.3 The bulk storage of methanol will be on leaseholds only.