



Douglas A. Ducey  
Governor

# Office of the State Forester

## Arizona Department of Forestry and Fire Management



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### INSTALLATION REQUIREMENTS FOR ABOVE-GROUND FUEL TANKS

For plan review a site plan with specified distances from the tank to buildings, property lines, any ignition source, and any driveways (*legibly hand drawn with a ruler is acceptable*)

**NOTE: THIS PERMIT WILL BE ALLOWED ONE FIELD INSPECTION ONLY.**  
**AN ELECTRICAL INSPECTION AND APPROVAL BY THE LOCAL OR COUNTY JURISDICTION IS REQUIRED PRIOR**  
**TO AN INSPECTION.**

#### ALL ABOVE GROUND FUEL TANKS AND THEIR APPRENTICES MUST MEET IFC 2012

- AGST's will be required to be placed on an engineered foundation.
- AGST's will require approved spill protection IFC 5703.4.
- AGST's will require overflow protection IFC 5704.2.7.5.8.
- Dispensing hoses will require UL breakaway devices and be protected from damage IFC 2306.7.5.1
- An Emergency Fuel Shut-Off switch is required and shall not be any closer than 20 feet, nor further than 100 feet from the dispenser unit(s). Proper signage shall be required. IFC 2303.2
- A proper size fire extinguisher with a minimum rating classification of 2A-20BC shall be within 75 feet of dispensers or tank IFC 2305.5.
- Appropriate Warning signs per IFC 2305.6 (no smoking, unapproved containers, stop engine.)
- Tank secure from public IFC 2306.3
- All AGST's will require Hazard signage per NFPA 704 standard.

#### ANY FUEL TANK SUBJECT TO DAMAGE BY VEHICLE TRAFFIC OR OTHER MOVING EQUIPMENT WILL REQUIRE PROTECTION FOR THE TANK PER IFC 312.

- Protection post will be at least 3 feet from the tank.
- The metal post will be a minimum of 4 inches in diameter by 6 feet long.
- A 15-inch minimum diameter hole by 3 feet deep will be required to support the 4-inch diameter post.
- The spacing of the post will be 4 feet on center maximum between post
- The top of the metal post shall not be less than 3 feet above grade.
- Fill the hole and metal post with concrete.
- If using a containment area for vehicle protection, provide sealed engineered design.
- If this is a temporary fueling location, large rocks or other types may be placed in lieu of protection post. Submitter must state the type of protection on plan submittal.

Approved plans by the State Fire Marshal's Office must be available on site during construction and inspection.

**This form is used only as a guide. Final approval is contingent upon a favorable field inspection.**

**Duty ♦ Respect ♦ Integrity**

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