

Class A foam Specification

The Fire Department requests purchase of Class A foam concentrate. The following items shall be included in the purchase specification to vendors:

Chemical Specification

1. Shall be 0.1% to 1.0% concentrate
2. Shall not contain any U.S. EPA listed hazardous materials such as glycol ether
3. No flash or fire when tested via a closed cup method
4. Surface tension maximum: 28 dynes/cm of 0.6% water solution at 70 degrees Fahrenheit
5. Specific gravity: Maximum 1.03
6. Freeze and thaw: shall have no effect
7. Biodegradable
8. Foam concentrate water content less than 50%

Regulations

1. Shall meet NFPA 1150
2. Shall currently be on USDA Forest Service Qualified Products List (QPL) including approval for use in fixed tank helicopters
3. Shall be UL listed as a wetting agent at 0.25% use rate

NO EXCEPTIONS

Note to Purchasing:

Vendors must include the following documents with their bid solicitation to validate product compliance with the above specification:

- U.S. Forest Service Qualified Products List
- Underwriters Laboratory (UL) Wetting Agent Listing
- Material Safety Data Sheet (MSDS)
- Outside laboratory test results showing water content percentage

If necessary, justification for the above specification can be obtained from the Fire Department.