



**ANCHORAGE FIRE DEPARTMENT
FIRE PREVENTION
4700 Elmore Anchorage, Alaska 99507
(907) 267-4900**



Policy #12-002 ANTIFREEZE SYSTEMS

References: NFPA 13, 13R, 13D, 25

The purpose of this policy is to clarify the installation, repair and use of anti freeze systems in Anchorage.

Systems installed and in use before the date of this policy may have their use continued in their existing condition including repair, replacement and replenishment of solution as originally installed and designed. This option only applies to non-habitable spaces; other spaces will need to be evaluated by Fire Prevention on a case-by-case basis. Systems being drained and replaced can use the original percentage mix however; a pre-mix solution must be used to avoid excessive concentrations of solution. We strongly advise installers to make clients aware of potential dangers associated with higher percentage solutions.

New systems must be designed in accordance with NFPA 13 TIA 10-2. This standard does not allow a solution that will perform to less than 19 degrees Fahrenheit below zero. Other options include dry systems and mechanical protection.