



OFFICE OF THE STATE FIRE MARSHAL
DIVISION OF PETROLEUM AND CHEMICAL SAFETY
1035 STEVENSON DRIVE
SPRINGFIELD, ILLINOIS 62703-4259
(217)785-1020 or (217)785-5878

SUMMARY OF REQUIREMENTS FOR MARINAS

-SITE PLANS AND DETAILS-

- ___1. The site plan (8 ½"x11") must show all dimensions including length of dock, width of dock, hinge points, type of construction, dispenser location, piping runs, etc. and special notes shall be shown where applicable.
- ___2. Detail drawings must accompany the site plan showing profiles of tank and piping elevations, all valves, manholes, sumps, location of leak detection equipment, anti-siphon equipment, pipe chases, sewage lines, physical protection, etc.

-EQUIPMENT-

- ___1. Leak detection shall be provided (double wall tanks and piping with interstitial monitoring).
- ___2. Any product supply line shall have secondary containment, and new installations must be double-wall with interstitial monitoring after April 1, 1995.
- ___3. Anti-siphon devices such as solenoid valves where required.
- ___4. Flexible lines from shore to floating docks to have manual shut-offs and breakaway valves on shore where piping approaches the dock, in addition to proper hangers and protection from physical damage.
- ___5. Flexible connectors are required at all hinge points of the dock.
- ___6. Breakaway couplings are required on dispensing hoses. A mechanical return reel will be required for hose lengths in excess of 18 feet.
- ___7. Impact valves are required under dispensers.
- ___8. Spill containment is required under dispensers and on dock for portable cans, etc.
- ___9. Manufacturer specifications and/or statements may be necessary to verify proper operation of their equipment under certain conditions such as elevation differences and on dock monitoring

-OTHER-

- ___1. All aboveground piping, valves, etc. are to be protected from physical damage and collision barriers are to be installed for dispensers and other potentially hazardous areas.
- ___2. Dispenser nozzles must be of the automatic closing type and hold open clips will not be allowed.
- ___3. Emergency electrical shutoff switches are to be installed in readily accessible areas, shall be plainly marked, and shall be located so each dispenser has a shutoff switch between 20 and 100 feet away. Each switch shall be interconnected so that activation of any one switch shuts down all pumps and dispensers.
- ___4. Self-Service is prohibited. Dispensers must be attended.
- ___5. Marina installations are subject to DPCS inspection and approval before operating.
- ___6. Additional approvals may be required of other authorities having jurisdiction.

The OSFM REQUIRES compliance with this Required Checklist for Marinas with Underground Storage tanks. When a UST is located at a marina this is pursuant to 430 ILCS, Act 15, Gasoline Storage Act. Failure to do so may result in the issuance of Administrative Orders for violations of 41 Il. Adm. Code 174, 175 and 176, potentially resulting in fines.