

Boat Dock Electrical Safety Requirements as of 7/27/18
(For all docking structures including regular docks, lifts, boathouses etc.)

1. Electricity Disconnect: For each circuit serving a dock or multiple docks, an UL approved Ground Fault Circuit Interrupter (GFCI), capable of serving as an electrical disconnect switch, shall be located on shore within 30 feet of the docking structure or docking structure's boat ramp. Each GFCI disconnect switch must be accessible by emergency responders and shall be mounted a minimum of 24 inches above the dock's adjoining seawall structure's ground level or shore line.

2. Disconnect Switch Sticker: An approved disconnect sticker, provided by the Association, shall be placed on or immediately adjacent to all GFCI dock disconnects, so in the event of an emergency, first responder personnel can readily find and turn off power to the dock.

3. GFCI Receptacle Protection: All plug-in receptacles located on a dock structure shall be protected by the above mentioned GFCI disconnect switch located on shore.

4. Exposed Wiring: No exposed wiring shall be permitted on or leading up to a dock structure. This includes interior style Romex and direct burry cable. All wiring on or immediately leading up to a dock structure shall be located in conduit and within junction or outlet boxes.

5. Extension Power Cords: Extension cords shall not be used to directly power a dock structure or used to power outlet receptacles located on the dock. Power supply cords used to provide long term power for the purpose of energizing on-board watercraft charging systems shall have a UL approved marine grade twist lock male connector connected to a GFCI protected circuit. Temporary extension cords used to power devices such as pumps and portable battery chargers are permitted so long as the devices are plugged into a circuit's receptacle that is protected by the dock's GFCI on shore disconnect switch. All power extension cords used on docking structures shall be secured so as not to fall into the water. Temporary use of extension cords to power lifts, ETC from shore are allowed if they are disconnected and removed immediately from dock after use and not left plugged in when no one is present.

6. Immediate Safety Concerns: All boat dock structures determined by Association representatives to be unsafe, to the extent that the dock poses a significant safety hazard to human health and welfare, either of electrical or structural concern, shall be brought into immediate compliance by the dock's owner of record or be subject to the assessment of lake use penalty points and/or other possible enforcement actions to be determined by the Board of Directors. Dock structures posing an immediate life threatening electrical safety concern such as electrical wiring located in the lake or the presence of bare conductors on or around a dock shall be immediately disconnected by the dock's owner or Association representative and tagged with electrical safety tape as unsafe. Failure of the owner to comply with the emergency de-energizing of the dock structure shall result in an immediate suspension of lake use privileges for a period of time to be determined by the Board of Directors and/or loss dock mooring privileges.

7. No Overhead lines can be used to feed power to any docking structure.

8. Implementation Time Frame/Consequences: Unless otherwise stated herein, boat dock owners (Members) have up to 30 days from date of written notification from the Association to correct identified dock safety deficiencies. However, it is required by the Board to have all docking structures up to the electrical standards before boats can be registered for a given year. Also note that unsafe docks can be subject to a 6-point citation.