

LIMITING CONDITIONS FOR OPERATION

3.12 FIRE PROTECTION SYSTEMS

Applicability:

Applies to the Operational Status of the Fire Protection Systems.

Objective:

To assure operability of the Fire Protection Systems.

Specification:

A. High Pressure Water Fire Protection System

1. a. Both high pressure water fire protection pumps and associated automatic and manual initiation logic shall be operable and aligned to the high pressure water fire header.
- b. The high pressure water fire protection system shall be operable with an operable flow path capable of taking suction from the lake and transferring the water through distribution piping with operable sectionalizing control or isolation valves to the yard hydrant curb valves and the first valve ahead of the water flow alarm device on each sprinkler, hose standpipe or spray system riser required to be operable per specifications 3.12.B and 3.12.D.

SURVEILLANCE REQUIREMENTS

4.12 FIRE PROTECTION SYSTEMS

Applicability:

Applies to the Surveillance of the Fire Protection System.

Objective:

To verify the operability of the Fire Protection Systems.

Specification:

A. High Pressure Water Fire Protection System

1. High pressure water fire protection system testing:

<u>Item</u>	<u>Frequency</u>
a. High pressure water fire protection system pressure check.	Once/week
→ b. Each pump, on a STAGGERED TEST BASIS, by starting and operating it for at least 20 minutes on recirculating flow	Once/ ^{month} week
c. Valve operational test	Once/12 months
d. System flush	Once/6 months
e. Functional test including:	Once/18 months