

Summary of Chapters

NFPA 1962: Standard on the Care, Use, Inspection, Service Testing and Replacement of Fire Hose, Couplings, Fire-Fighting Nozzles and Fire Hose Appliances

This standard shall apply to the inspection, care, and use of fire hose, fire hose couplings, and fire-fighting nozzles; the service testing of fire hose; and the associated record-keeping.

Chapter 1: Administration

- a. The scope of work defines the care, use, inspection, service testing and replacement of fire hose, couplings, nozzles and fire hose appliances.
- b. The purpose of this standard helps ensure safety for the continued use of fire hose appliances.
- c. This standard applies to all fire hose appliances irrespective of year of manufacture.
- d. Technical documentation is required for equivalent use of systems and methods of fire hose devices.

Chapter 4: Use, Care, Service Testing, and Replacement of Fire Hose

- a. This applies to suction hose, water supply hose, occupant use hose and firefighting hose.
- b. Hose must be inspected before it is placed in service
- c. All fire hose must be cleaned and dried before and after use. Hose outer should be inspected for damage and couplings for disconnect, lug, gasket and thread condition.
- d. Hose must be loaded on apparatus to allow air circulation and be well positioned to prevent mechanical damage and heat exposure, with regular reloads with different folds.
- e. Intake and discharge relief valves on the apparatus shall be set below the service test pressure of the hose.
- f. Hose shall be protected from kinks, folds, being driven over, hydrostatic hammer, freezing and other damage.
- g. Service testing of hose must be done annually to the service test pressure of the hose.
- h. Records must be kept on all fire hose service testing.
- i. Authorised jurisdiction must schedule a replacement schedule for consideration of hose reuse after testing results.

Chapter 5: Care, Use, Inspection, Service Testing, and Replacement of Nozzles

- a. Nozzle valves attached to in-service hoses must be kept in closed positions.
- b. All nozzles must be drained, inspected, and have freeze prevention after each use.
- c. Service testing of nozzles must be done frequently to the manufacturers' recommendations
- d. Records must be kept on all nozzles and be maintained.

Chapter 6: Care, Use, Inspection, Service Testing, and Replacement of Fire Hose

Appliances

- a. All fire hose appliances must be subjected to its designated purposes only.
- b. All fire hose appliances must be operated in accordance with manufacturer's recommendations
- c. To prevent damages, hose appliances must not be dropped or dragged.
- d. All hose appliances must be inspected quarterly before and after its use.
- e. Hydrostatic testing must be done on all hose appliances on annual basis.
- f. Records on its purchase must be kept and maintained until it is discarded.
- g. Authorized jurisdiction must schedule a replacement schedule for considering the reuse of all fire hose appliances.

Chapter 7: Care and Inspection of Couplings and Gaskets

- a. Couplings must be kept in serviceable condition.
- b. Special care must be taken where dissimilar metals are connected to couplings.
- c. Gaskets must also be inspected for fitting and deterioration purposes
- d. Defective and misfit gaskets must be replaced with proper types

Chapter 8: System Tests

- a. Any pre-connected fire fighting hose (e.g. booster hose, bumper turrets) on a fire apparatus must be system tested annually.
- b. Authorised jurisdictions must verify pump discharge pressures and flows consistent with standard operating procedures.