

Northborough Fire Department in Service Training

Lesson 1- Basic Pump Refresher

Objective

Review basic pump operations and components

Equipment needed

Pump panel of any NFD apparatus

Important points to discuss

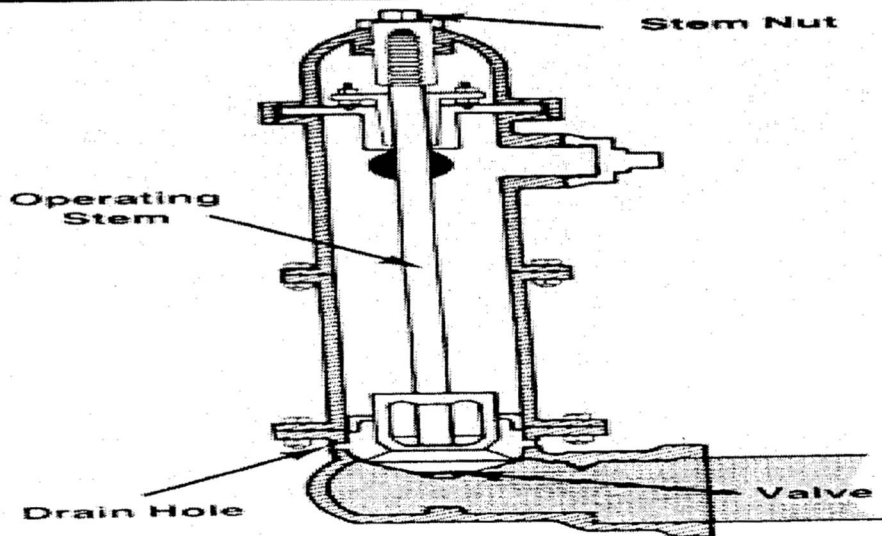
The next 3 lessons will be all about pumping operations. Refreshing ones knowledge of some very basic pump operations will help for the upcoming lessons. Review efficient carrying capacities of hose, friction loss, and appliance flow capabilities. This lesson is not meant to be an entire pump class; it is merely a refresher and NFD members should make a point to refresh themselves on the capabilities of NFD apparatus and fire ground hydraulics.

Operation

Discuss:

Water Supply – types, capacities, reliability

- Tank (capacity) what are the tank capacities in NFD apparatus?
- Pressure source (hydrant) what can be expected from the towns hydrants?
- Static source (drafting) where are some areas we can draft – why would we need to?



E-1 = 1000 / 950
 E-2 = 1000 ✓
 E-3 = 2000
 F-1 = 300 ✓
 F-2 = 150 ✓
 CAR 3 = 150 - 200
 R-1 = 750
 T-1 = 300 ✓
 GATOR = 50