

# Ladder 371 Driver Initial Qualification Check List

## Basic Knowledge

- 95' Platform
- Water capacity - 300 Gallons
- Pump capacity – 1500 Gallons per minute
- Fuel – Type and location of fuel fill
- Generator - 7.5KW

**Vehicle Operation** – The member wishing to be qualified must be able to demonstrate the following knowledge regarding the vehicle operation.

- Ability to start the apparatus and drive it in a safe manner
- Dash gauges
- Jake Brake (Engine Brake)
- Engine High Idle
- Emergency Warning systems (Warning Lights, mechanical and electronic siren, Arrow)
- Start and stop the generator Properly
- Engage and disengage the pump properly
- Engage and disengage the PTO
- Properly deploys wheel chocks

**Apparatus Positioning** – The member wishing to be qualified must be able to demonstrate knowledge regarding basic apparatus positioning.

- House fires
- Commercial Buildings
- Ice Rescue

**Radios** – The member wishing to be qualified must be able to demonstrate the following knowledge of the radio systems on the apparatus

- Mobile radios
  - Demonstrate knowledge of how to change the radio channels
  - Demonstrate knowledge of changing zones for mutual aid
  - Demonstrate knowledge of what can happen if one of the radios is on scan
- Portable radios
  - Understand the operation and location of the drivers portable
  - Understands the charger indicator light and proper radio placement in the charger

**Aerial Operations** – The member wishing to be qualified must be able to demonstrate the ability to properly set up and operate the Aerial? Also has an understanding of the hazard in operating an Aerial device.

- Demonstrate the ability to properly set up the outriggers.

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- Understands the purpose of the lights by the outriggers
  - Understands how to properly level the apparatus.
  - Can explain or demonstrate how to short jack
- Demonstrated the ability to properly operate the Aerial and understand the warning alarms.
  - Can demonstrate proper deployment of the Aerial
  - Can demonstrate proper ladder placement to the roof of a building
    - Commercial Building
    - Residential Building
  - Can demonstrate knowledge of the maximum wait in the bucket
  - Can demonstrate placing the bucket at ground level.
- Can explain the operation of the high Idle for use with the Aerial controls.

**Pump Operations** – The member wishing to be qualified must be able to demonstrate the following items individually or during pumping operations. The purpose of this is to make sure that operator has knowledge and the ability operate the pump safely and proficiently.

- Demonstrate the ability to recirculate water and explain why we recirculate water
- Can explain the operation of the relief valve
- Can explain the operation of the pump panel computer and gauges
  - Throttle Control
  - Pressure vs Volume
  - Preset
- Demonstrate or explain the ability to connect to a hydrant
  - Can demonstrate flowing water from the tank
  - Can demonstrate the ability to transfer from tank water to hydrant water
  - Can demonstrate the ability to flow water while filling the tank
- Pump Pressures – Demonstrate an understanding of proper pump pressure setting for type of hose line and nozzle
  - 1 ¾" with a TFT nozzle
  - 1 ¾" with a smooth bore nozzle
  - 2 ½" with a TFT nozzle
  - 2 ½" with a smooth bore nozzle
  - 4" LDH supply line
- Hose line knowledge – Must be able to explain what lines are pre-connect and which lines are dead lays. Must also be able to explain what each line is to be used for.
  - 1 ¾" Cross lays – What is the length and how are they packed
  - 4" LDH – What is the length and how is it packed

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**Equipment** – The member wishing to be qualified must be able to locate and operate the following tools and equipment

- Ladders – Extension, Roof, closet
- Saws
- TIC
- Stokes Basket
- Gas Meters
- K-Tool

**Note** –

The member being qualified may be signed off in sections. However the member will not be re-Qualified until all sections are complete.

Member being qualified \_\_\_\_\_ (Print Name)

Qualifier Name \_\_\_\_\_-(Print Name)

Signature \_\_\_\_\_ Date \_\_\_\_\_