

FIRE APPARATUS INSPECTION



Overview

Our ISO 17020-accredited inspection and testing services are backed by decades of fire apparatus and equipment inspection experience.

Our certified fire apparatus inspection teams provide acceptance testing at fire apparatus manufacturers.

We also complete your annual performance and service testing, on-site, in accordance with the latest National Fire Protection Association (NFPA) standards.

Inspection & Testing of...



Aerial Device



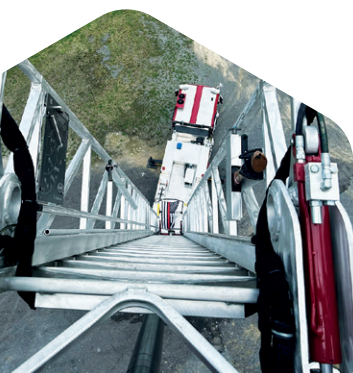
Fire Hose



Ground Ladders



Apparatus Fire Pumps





Aerial Device Inspection

MISTRAS performs annual NFPA testing and provides qualified non-destructive testing (NDT) technicians to conduct 5-year NDT tests for in-service apparatus and new builds. Fire apparatus equipped with an aerial ladder, elevating platform or water tower, and their associated systems, shall be inspected and tested annually in accordance with NFPA 1910, Standard for the Inspection, Maintenance, Testing and Retirement of In-Service Emergency Vehicles.



Fire Hose Testing

Fire hose testing includes all hose and associated nozzles and appliances. The hoses are removed and tested using our hydrostatic test machines, then labeled and re-packed on your apparatus. A detailed report is then prepared. All work follows NFPA 1962, Standard for the Care, Use, Inspection, Service Testing, and Replacement of Fire Hose, Couplings, Nozzles, and Fire Hose Appliances.



Ground Ladders

Ground ladders are tested per the manufacturer's instructions and NFPA 1932, Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders. Heat sensors and safety labels are replaced as required.

Ground ladders need to be tested:

- Annually
- Any time a ladder is suspected of being unsafe
- After heat exposure
- After the ladder has been subjected to over-loading
- After the ladder has been subjected to impact loading or unusual usage conditions

**Beat the Heat.
Call Today!**

Schedule Your Inspection.





Apparatus Fire Pumps Testing

On-site fire pump testing using our portable pump test system, or using your local pump testing location. In-service apparatus fire pumps need to be tested annually. Pumps are tested in accordance with NFPA 1910, Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Emergency Vehicles. New apparatus fire pumps also have required testing. NFPA 1900 requires Apparatus Fire Pump System Certification if the fire pump has a rated capacity of 750 GPM (3000 L/min) or greater. The pump shall be tested after the pump and all its associated piping and equipment have been installed on the apparatus.



Beat the Heat. Call Today!

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