

# **D-1 MAINTENANCE BUREAU RESPONSIBILITIES**

**Maintenance Manual** 

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#### General

The Toledo Fire Maintenance Bureau is a working combination of Fire Department technicians supervised by the Fire Maintenance Officer and Fleet Operations mechanics and a service worker supervised by a Fleet Supervisor.

The Maintenance Bureau is responsible for the mechanical condition, repair, maintenance, and replacement of Department vehicles, apparatus, tools, and other equipment. In addition, the Maintenance Bureau is responsible for the testing for safety, performance, and reliability of such equipment as directed by TFRD procedures and NFPA standards.

This bureau participates in the writing of specifications and evaluation of new apparatus and equipment.

# Apparatus, Vehicles, Tools and Equipment

The Fleet workers at the Maintenance Bureau are responsible for the maintenance and repair of all vehicles assigned to the Fire Dept. The Bureau-assigned firefighters are responsible for maintaining tools and equipment assigned to those vehicles.

In an effort to keep the number and seriousness of vehicle repairs to a minimum, a "maintenance day" schedule is in place, Monday — Friday. This schedule allows each rig to cycle through maintenance approximately every 6-8 weeks, except for the Aerial Devices and Heavy Squads that are scheduled monthly. This allows for a high level of apparatus reliability, Also in place is a PM program that can be performed on the same day, when called for by the vehicle mileage.

### **Ladders**

The Maintenance Bureau ensures that ground ladders meet or exceed NFPA 1932 (Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders). The tests are conducted to meet NFPA 1932 standards and are performed for the annual testing requirement, after any ladder repair, when heat stickers indicate excessive heat or if the ladder is under any suspicion of being unsafe. Ground ladders and aerial ladders are tested and certified annually by an independent contractor.

### **High Pressure Breathing Air and Related Equipment**

The Maintenance Bureau is responsible for the inspection, repair and general maintenance of the department's SCBA's, including facepiece, harnesses and the air bottles used with the SCBA.

To evaluate effective performance and correct any deficiencies, the Bureau performs annual flow tests on all SCBA's, individual facepieces, along with facepiece fit testing in accordance with NFPA 1852 (standard on selection, care and maintenance of self contained breathing apparatus).

### **Inventories**

The Maintenance Bureau maintains an inventory of firefighting equipment, parts for repairs, station supplies and Fire Personal Protective Equipment. These inventories are maintained on an excel spreadsheet and submitted yearly to the Chief Financial Officer.

# **Supplies**

The Maintenance Bureau provides all the stations and bureaus with many types of requested supplies. The supply request form includes over sixty (60) items, from ant spray to wax applicators. The request forms (300-4) are received, filled and delivered monthly.

# **Personal Protective Equipment**

Another aspect of the Maintenance Bureau is the issuing, testing, repairing and replacement of fire turnout gear. When turnouts arrive at the Maintenance Bureau, the proper disposition of the gear is

Page: 3/3

determined and completed in an appropriate and timely manner.

### **Miscellaneous Items**

Other duties include the repair and custom fabrication of hoses, nozzles, and other specialty tools and equipment.

See Also:

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