

FELTON FIRE PROTECTION DISTRICT

STANDARD OPERATING PROCEDURES

ARTICLE: II

SOP: 2202

SECTION: 2200

APPARATUS & EQUIPMENT

SUBJECT:

APPARATUS CHECKS / MAINTENANCE

PURPOSE:

A program of preventative maintenance and repair will assist in providing this District with a safe, efficient and dependable fleet of mobile equipment.

SCOPE:

All personnel shall adhere to this procedure. The Fire Chief shall be held responsible for taking the proper actions to ensure that apparatus is properly checked out and maintained according to this procedure. *No Officer shall knowingly allow a piece of apparatus to be operated if it is determined to be in a condition that may endanger personnel.*

PROCEDURE:

APPARATUS MAINTENANCE CATEGORIES

Diligent maintenance procedure will ultimately reduce repair costs and lengthy downtimes of apparatus and equipment. Two separate maintenance categories have been established due to diversity of equipment and operating conditions. They are:

- # Group A. Fire engines and mobile equipment operating under adverse conditions (2310, 2311, 2312, 2313, 2361).
- # Group B. Sedans, pickups and utility vehicles operating under the following:
 - a. When most trips are under 6 miles
 - b. When most trips include excessive idling and or frequent low speed operation in stop and go traffic.

APPARATUS INSPECTIONS

Apparatus inspections shall consist of four levels of maintenance:

I. Daily, Weekly and Monthly Inspections

1. Shall be done first thing each day.
2. Mondays shall be the normally designated day for weekly checks.
3. The 1st Monday of every month shall be the normally designated day for monthly checks.

4. Shall follow and be recorded on the form "Apparatus Inspection Record".
5. All deficiencies shall be corrected when found.
6. All apparatus and equipment shall be maintained in good operating condition and kept clean at all times. Painted surfaces shall be free of rust and corrosion and protected where applicable.

II. Vehicle Services

Vehicle services shall be done at the following intervals:

Group A vehicles: Every 3,000 miles or 6 months

Group B vehicles: Every 5,000 miles or 6 months

Vehicle services shall consist of, but not limited to, the following:

1. Oil Change
2. Oil Filter Change
3. Fuel filter Change
4. Air filter Change
5. Chassis Lubrication
6. Slack Adjuster Inspections

III ANNUAL INSPECTION

Regularly scheduled inspections on an annual basis or as needed shall be made on all mobile equipment. This inspection shall consist of, but not limited to, the following:

1. Brake System
2. Cooling System
3. Cab and Chassis
4. Electrical System
5. Fuel system
6. Steering
7. Fire Pump
8. Tires
9. General Appearance and Road Test

IV Special Services and Inspections

1. Transmission Services

Group A: Annually
Check Fire Pump Annually

Group B: 15,000 miles

2. Tank Inspections

Check Mild Steel: Every 4 years

3. Cooling System

Group A: Annually

Group B. As Required

4. Ladders

Check All Annually