Standard Operating Procedure	NO: 04-02-08
Scriba Volunteer Fire Department Scriba, NY	Date: 03/25/2017
Topic: Operations	Page 1 of 1
Title: High Idle	Revision: 0 Date:

Purpose

To prolong apparatus life, reduce maintenance frequency and eliminate unnecessary out of service time. This shall be accomplished by running engine RPMs high enough to increase oil pressure, exhaust temperature, engine temperature, coolant circulation, and increased alternator amperage output.

Scope

This policy shall be applied to all apparatus equipped with a manual throttle control device and powered by a diesel engine. All operators and company officers shall insure the adherence to this policy.

Procedure

The operator shall set the parking brake, deploy wheel chocks, and set throttle control as to maintain an engine RPM range of 1000-1200. The following factors should be evaluated and compensated for:

1. Increased exhaust system temperature- Clear debris from under and around the apparatus. Insure no combustible solids or vapors in the area.
2. Increased engine noise- Move non-essential personnel away from area, provide hearing protection for essential personnel.
3. Increased exhaust gas volume- Move apparatus if possible, monitor wind direction, if absolutely necessary (as in case of confined space) shut engine down.
4. Apparatus in pump gear- Circulate water to reduce pump temperatures, run pump coolers, gate down discharge valves, and establish a discharge for venting excess water/pressure.
5. Extreme engine temperatures- Monitor temperature gauges for an unsafe increase, run aux. engine cooler, reduce engine RPM, inspect grill/radiator for blockage, apply a water mist to radiator.

This policy does not apply to apparatus actively engaged in fire suppression activities. Once the fire is under control and the required PDP and volume is decreased then the policy should be applied.