



ABINGTON TOWNSHIP FIRE DEPARTMENT

OG – 200-112

Operation & Maintenance of Vehicle Exhaust Systems

1.0 PURPOSE

This policy establishes the guidelines for the use and maintenance of Vehicle Exhaust Systems located in ATFD Fire Stations.

This guideline applies to all ATFD Stations that are equipped with Vehicle Exhaust Systems, which were installed to protect the health and safety of all internal personnel and visitors pursuant to NFPA 1500. The procedures below outline the proper operation and maintenance of the Vehicle Exhaust Systems.

2.0 RESPONSIBILITY

The responsibility to ensure that the above actions are taken in an appropriate manner are defined as indicated below:

- 2.1 Company Members (CM)
- 2.2 Company Officers (CO)
- 2.3 Document Control Administrator (DC)

3.0 PROCEDURE

3.1 Procedure for Apparatus Exiting the Fire Station

3.1.1 Upon starting the apparatus, the system fan will automatically start, and it will turn off automatically based on the setting of the timer mechanism located in the control box.

3.1.2 Apparatus shall exit the station at a safe speed to prevent injuries to personnel inside the station and damage to the exhaust system.

3.1.3 All personnel shall stand clear of the exiting apparatus and exhaust system hose to ensure their safety. The hose moves with the apparatus along the rail and detaches from the tailpipe as the system's trolley engages the uncoupling valve. After the grabber nozzle detaches from the tailpipe, the hose will retract to the normal resting position.

3.2 Procedure for Apparatus Returning to the Fire Station

3.2.1 Upon returning to the station, a designated member shall retrieve the exhaust hose and grabber nozzle and bring it to the inside threshold of the overhead door, while remaining visible to the driver at all times. The member shall signal the driver to stop the apparatus once the tailpipe reaches the threshold of the overhead door.

3.2.2 When the apparatus comes to a stop, the member shall connect the exhaust hose to the tail pipe of the apparatus, then signal the driver to resume entering the fire station.

3.3 Maintenance of the Vehicle Exhaust System

3.3.1 The screen, located at the grabber nozzle, shall be checked on a monthly basis for debris.

3.3.2 Any problems or malfunctions with the vehicle exhaust system shall be immediately reported to the Chief Engineer of the fire company, or their designee.

3.3.3 The vehicle exhaust system shall be serviced on an annual basis by a certified service technician.

4.0 RECORDS

Records of all repairs and annual maintenance shall be maintained by the Chief Engineer of the fire company or the member designated by the Chief.

4.1 Master Document Listing