



City of Winter Park Fire-Rescue Standard Operating Guideline

800.01

Title: Diesel Fume Extraction System

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Purpose: To establish the proper guidelines for operating the Diesel Fume Extraction Systems located in our Department's facilities.

Scope: All members of the department shall follow this guideline. Deviation from the guideline could cause injury to personnel and failure of the system to provide the level of air quality desired.

General: In an effort to improve the air quality of our facilities and to reduce the spread of diesel fumes into the living areas, onto protective clothing and most importantly into employee's breathing air, the Department has installed Diesel Fume Control Systems in our facilities. All employees assigned to apparatus that utilize bays fitted with these control systems shall follow guidelines at all times.

800.01.01. Operating Guidelines

Upon approach to the apparatus bay, the vehicle shall come to a **stop** as close to the doorway as possible. Once the vehicle has stopped, another individual shall properly attach the pneumatic nozzle to the tailpipe. The nozzle must be attached as the apparatus is placed into the stall. Attaching the nozzle and hose after the apparatus is in place is not acceptable and defeats the purpose of the system.

Safety should be practiced while the vehicle proceeds into the stall. Attaching of the nozzle while the apparatus is in motion is not recommended. The stopping of the vehicle to couple the nozzle is recommended to reduce the potential of injury to the person attaching the nozzle.

SAFETY NOTICE!

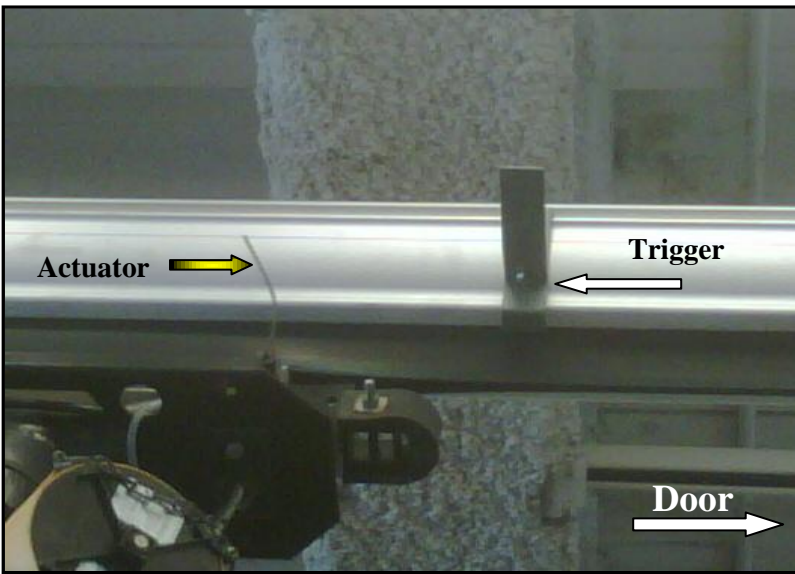
Stop all vehicles before attaching the pneumatic nozzle to the exhaust pipe! Attaching the nozzle to a moving vehicle is dangerous. If the vehicle fails to stop upon entering the building, do not attempt to attach the nozzle. Wait until the vehicle stops completely!

It should be noted that some stations are equipped with different models of diesel fume exhaust extraction systems, therefore some systems may differ from others.

Some stations are equipped with a sliding trolley on exhaust rail system. Please note this system employs an actuator mechanism on the sliding Trolley assembly. The actuator must make contact with the mechanical triggering device when the apparatus is departing the bay in order to deflate the pneumatic cuff attached to the apparatus.

The sliding trolley system must be positioned **behind** the triggering mechanism prior to departing the bay.

Failure to ensure the Trolley is not properly positioned may result in significant damage to the exhaust extraction system and or the apparatus.



While leaving the stall, the apparatus should exit normally. The nozzle is designed to release from the vehicle without any obstruction.

Unless access to a particular compartment is needed, system hoses should be attached at all times while the vehicle is in quarters.

It is the responsibility of all employees assigned to their respective station(s) to ensure the hose assembly(s) is attached at all times.

The extraction system has several sensitive electronic components. At no time should anyone attempt to adjust any of the devices that are part of the system. This would include the hose, pneumatic nozzle, air supply lines and all electrical devices.

Questions concerning the system should be directed to the Battalion Chief assigned to facility management. If the problem is with the apparatus, the city maintenance facility should be contacted.

James E. White
Chief of Department