



## PURPOSE

To provide a healthier atmosphere in the workplace by eliminating carcinogenic particulates, therefore reducing risk of personal exposure and contamination of turn-out gear, bay area and living quarters. To provide guidance in the operation of the vehicle exhaust removal system. To comply with all NFPA 1500, US Dept. of Labor, and other Federal, State and Local health and safety standards.

## POLICY

It is the responsibility of all personnel to comply with this policy.

The PlymoVent vehicle exhaust removal system will capture 100% of the exhaust emissions directly at the tailpipe of the vehicle and exhaust those emissions to a specified area safely outside the building.

1. When the driver starts the vehicle, the exhaust fan will automatically energize and vent the toxic gases directly to the outside of the building.
2. There are three soft touch controls on the access door of the controller:

**Auto Start:** This mode of operation shall be strictly for normal day to day use, as it would apply to receiving an emergency call and/or leaving the station.

**Stop:** This mode of operation shall be a system override to shut down the system manually. After three seconds the controller automatically returns to Auto Start ready mode.

**Manual Run:** This mode of operation shall be a system override to run the exhaust system blower continuously for the purpose of running the vehicles indoors for truck/equipment checks.

3. The magnetically operated collection nozzle (Grabber Nozzle) shall be connected to the motor vehicle's exhaust tailpipe at all times while the engine is running in the bay.
4. When the vehicle exits the door, the magnetic nozzle connection will release automatically from the tailpipe.
5. Driver discretion shall be used when exiting the station, allowing for clean release of connection nozzle.
6. After the system releases, it will retract passively and smoothly into a convenient storage position.
7. When the vehicle returns to the station, personnel shall manually pull the flexible hose assembly to the entrance door.
8. The driver shall momentarily stop the vehicle when the tailpipe is at the door threshold.
9. The apparatus backing personnel, without bending over, shall attach the magnetic connection device to the tailpipe, just inside the door as the vehicle enters the station.

Approved

Fire Chief

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