EMS Standard Operating Procedures

<table>
<thead>
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<th>Policy Title:</th>
<th>Exhaust Extraction System</th>
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<td>Section:</td>
<td>Operations</td>
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<tr>
<td>Adoption Date:</td>
<td>10/2000</td>
</tr>
<tr>
<td>Date of Most Recent Update:</td>
<td>02/2016</td>
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<td>CAAS Criteria Reference:</td>
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Purpose:

To provide guidelines for use of exhaust extraction systems.

Policy:

The system has limitations on its use and proper safety procedures must be followed when near a vehicle that is moving and attached to the system. (This policy applies to those ambulances which have the proper fitting on the exhaust system as installed by public works. Newer diesel engines with the diesel exhaust fluid system do not have the fitting to use the exhaust system.)

1. Installation of the Grabber

   When returning to the station, it is the driver’s responsibility to stop the vehicle, assign a person to exit the vehicle and retrieve the grabber.

   The personnel retrieving the grabber shall position near the doorway. The person must never be positioned between the hose and the moving vehicle (behind the hose). As the vehicle slowly backs into the station, the person positions the grabber on the tailpipe and inflates the bladder. It is preferred that the vehicle stops momentarily while the grabber inflates. The person must never be in the path of the tires or vehicle components that could cause a fall. The “drivers” window should be lowered so the driver can hear and see the person through the mirror.
2. **System Operation**

   Anytime a vehicle engine is running in the bays, the system will be hooked up and operational. The system is not designed for high rpm usage or lengthy engine operations. Excessive heat build-up within the system could damage critical components.

3. **Vehicle Leaving the Station**

   All vehicles leaving the station shall travel 5 mph or less when exiting. The driver should periodically view the right side mirror to watch for proper release of the grabber.

4. **Personnel or Visitor Positioning**

   *Any person within 10 feet of the exiting apparatus must stop all activity and remain alert and out of the pathway of the retracting grabber and hose (it may swing back forcefully toward the end of the bay).*

5. **Personnel Safety**

   If, at any time, a person’s safety is jeopardized by moving components, the grabber should be removed manually before apparatus is moved.

6. **Malfunctions**

   Any system malfunction or safety issue must be reported immediately to the shift supervisor. The individual grabber should be taken out of service until authorized repairs can be made. A report should then be entered into SharePoint.

7. **Training**

   Plymovent (Vehicle Exhaust System) has supplied an Operational Video tape and the tape should be viewed by all personnel. The tape will be kept in each station’s training library that has this type of extraction system.