

# Emission Control Systems and Devices

## Overview

- Emission control systems and devices must be inspected as part of a Periodic Mandatory Vehicle Inspection (PMVI). Requirements for these components vary based on a vehicle’s date of manufacture.
- Certified inspection stations must **not** offer to remove emission control components for a fee.
- Any station that violates either of these directives may face immediate suspension or inspection mechanic suspension, pending a show cause hearing.

## Inspection Guidelines

The [National Safety Code Standard 11 – Commercial Vehicle Maintenance and Periodic Inspection Standards](#) states the following with respect to emission control systems and devices:

Item and Method of Inspection	Reject If
Engine malfunction indicator lamp (MIL) (“check engine lamp”)  <i>Additional Inspection Procedure(s):</i> Cycle the ignition off and on and check the status displayed by the lamp.	** lamp fails to illuminate during bulb-check, is <b>missing</b> or has been disabled  ** lamp remains on after bulb-check to indicate a malfunction  <b>Each of the conditions above marked with a double asterisk (**) are to be recorded on the inspection report; however, a vehicle is not rejected for this condition alone.</b>
Exhaust gas recirculation (EGR) system  <i>Additional Inspection Procedure(s):</i> Visually inspect system using <b>OEM</b> service information as a guide.	there is evidence that any part of the EGR system has been bypassed, defeated, disabled, improperly modified, removed, or is <b>missing</b>
Catalytic converter	cracked, leaking, <b>missing</b> , or perforated  patched in any manner other than by welding  there is evidence that the catalytic converter has been defeated or is disabled

<p>Diesel particulate filter (DPF) and regeneration system</p> <p><i>Additional Inspection Procedure(s):</i> Visually inspect system using <b>OEM</b> service information as a guide.</p>	<p>there is evidence that any part of the DPF or any related regeneration system has been bypassed, defeated, disabled, improperly modified, removed, or is <b>missing</b>.</p>
<p>Diesel exhaust fluid (DEF) system</p> <p><i>Additional Inspection Procedure(s):</i> Visually inspect system using <b>OEM</b> service information as a guide.</p>	<p>storage tank is damaged, insecure, or <b>missing</b>.</p> <p><b>level 2 leak</b> of DEF at any location in the DEF system.</p> <p>storage tank filler cap is <b>missing</b>.</p>
	<p><b>Hazardous Condition(s)</b> any part is in a condition where it appears likely to become detached, or imminent failure appears likely</p>

## Legislation

These inspection requirements are reinforced via The Highway Traffic Act. The requirements for Station and Inspection Mechanics are reinforced via The Drivers and Vehicles Act.

For information on specific regulations, please contact Vehicle Safety.

## Support

If you require additional information, please contact Vehicle Safety at [vsj-stationinfo@mpi.mb.ca](mailto:vsj-stationinfo@mpi.mb.ca) or 204-985-0920 (toll-free 1-866-323-0542).

Thank you for your cooperation.