Welcome to the Nevada Department of Motor Vehicles (DMV)

DMV 1G Inspector Class

Housekeeping Items:
• Restrooms
• Smoking area
• Snack machine
• Classroom Etiquette

Emission 1G Inspector Class

Goals

Rules, Regulations, and Procedures
Why is this Program in Force?

• Clean Air Act
• Federal Highway Funds

CFR, CAA, NRS, NAC, SIP

What are These?

• http://leg.state.nv.us/law1.cfm

Steps Required to:

• Renew a 1G License
• NAC 445B.497 - Requirements for renewal of license
• Change a Place of Employment?
Non-Covert Related Fines

Inspectors
- Administrative Fines
- NAC 445B.727

Station Owners
- Administrative Fines
- Civil Penalties
- NAC 445B.7045

Covert Fines and Penalties

Station Owners
- Administrative Fines
- Civil Penalties
- NAC 445B.7045

Fine Matrix

<table>
<thead>
<tr>
<th>Covert</th>
<th>Non Covert</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspector</td>
<td>Station/Owner</td>
</tr>
<tr>
<td>First</td>
<td>$100 - $500</td>
</tr>
<tr>
<td>Second</td>
<td>$500 - $1,000</td>
</tr>
<tr>
<td>Third</td>
<td>$1,000 - $1,500</td>
</tr>
<tr>
<td>Fourth</td>
<td>$1,500 - $2,500</td>
</tr>
</tbody>
</table>

When a CDL is issued in lieu of a fine, it still counts as a first violation.

Willful, intentional, or violations involving fraud, are subject to more immediate and serious consequences as allowed by law.
Vehicles Requiring an Emission Test

- Change of Ownership
- Assembled Vehicles
- Gray Market Vehicles
- Engine Swaps

Vehicles Exempt From Emission Testing
Preparing to Conduct an Emission Test
Is an inspection necessary?

Why does the customer want a test?

- NAC 445B.580
- NAC 445B.5805

Vehicle Inspection Menu
Nevada NV2000 Analyzer

1. Emission Inspection
2. Reprint Vehicle Inspection Report
3. Training Mode
4. RPM Pickup Screen
5. Vehicle Registration
Return to Main Menu
Please verify that the following information is correct and accurate:

vin: 1GCGC24R0YF448354

Select the License Plate Type:

Nevada Plate
Non-Nevada Plate
No Plate

Vehicle Inspection Menu
Nevada NV2000 Analyzer

Attention: Warning: You have unread priority bulletins

Select the License Plate Type:
Enter the Vehicle Odometer reading. A Minimum of One Numeric Entry is Required. DO NOT ENTER THE TENTH DIGIT.

12345
Vehicle Inspection Menu
Nevada NV2000 Analyzer

Attention:
Warning: Vehicle Has A Current Passing Test on File

Vehicle Type
Year
Make
Model

No. of Cylinders
Fuel Type
Dual Exhaust

Please Select the appropriate Ignition type code from the list above.

Enter Label Inspection Findings:
1. State Certification
2. Label Missing
3. Mexico Certification
4. Canada
5. Other

Tailpipe Testing & Visual Inspections

Let's talk about Testing and Visual Inspections for TSI Vehicles.

Air Injection Systems

“Air Injection Required”
What does this really mean?
BEFORE BEGINNING THE EMISSIONS INSPECTION PORTION OF THE TEST, BE AWARE OF THE FOLLOWING ITEMS:

The vehicle MUST be tested in the condition in which it was received.
Conduct the Test with ALL accessories turned OFF and with the wheels properly chocked.
Keep the engine running at NORMAL OPERATING TEMPERATURE (Use the temperature gauge reading OR a touch test on the radiator hose AND visual observation for overheating).

Problem Vehicles

Known Testability Issues

- http://www.bar.ca.gov
- https://www.obdclearinghouse.com/
Visible Smoke

When to look...
How to look...

Is Visible Smoke Being Emitted From the Vehicle?

TAMPERING CHECKLIST

1. Air Injection System
2. EGR System
3. Catalyst
4. Fuel InletRestrictor
5. Gas Cap

Please Select One of the Following Codes:

P - PASS, F - FAIL, N - N/A

11/20/2021
Air Injection Systems

What to look for...

Tampering

“What is Tampering”
Does it have to be Intentional?

What to look for...

Information Sources

Application Guides & Repair Manuals

NAC 445B.452
EGR System

What to look for...

Catalytic Converters

What to look for...

Fuel Inlet Restrictors & Gas / Fuel Caps

What to look for...

• NAC 445B.580
Equipment Exercise

Click Here

Gas / Fuel Cap Failure

- NAC 445B.580
Vehicle Inspection Reports

VIR Validity...

OBD Testing & Visual Inspections

Now... Let’s talk about Testing and Visual Inspections for OBD Vehicles.

1996 - Current Light Duty Gasoline Powered Vehicles
TURN OFF IGNITION SWITCH!
Locate the Vehicle’s On Board Diagnostic (OBD) Connector and attach the analyzer’s OBD port to the Vehicle’s Connector.

If the Analyzer has been attached to the OBD Connector click here.
If the OBD Connector is Missing, Damaged, Tampered or Inaccessible click here.

Are you positive that the OBD Connector is Missing, Damaged, Tampered or Inaccessible?

Please select the reason below:
- MISSING
- TAMPERED
- INOPERABLE
- NOT ACCESSIBLE
- CANNOT BE LOCATED
Be SURE that the Vehicle is in NEUTRAL or PARK with the IGNITION OFF, BRAKES APPLIED, and WHEELS CHOCKED.

CONTINUE
This is the network diagram for the new P-1 chassis. As you can see there are more devices being added all the time.

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Did the Malfunction Indicator Light Illuminate?

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Keyless Ignitions

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Did the Malfunction Indicator Light Illuminate?

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Misfire:
Fuel System: 101: Completed
Comprehensive Component: 101: Completed
Catalyst: 102: Completed
Heated Catalyst: 106: Not Supported/Enabled
Evaporative System: 130: Not Completed
Secondary Air System: 160: Not Supported/Enabled
Air Conditioning System: 160: Not Supported/Enabled
Oxygen Sensor: 200: Completed
Oxygen Sensor Heater: 202: Completed
EGR System: 200: Not Supported/Enabled

Malfunction Indicator Light (MIL):
Diagnostic Trouble Codes (DTCs) Found:

TURN ENGINE OFF
Disconnect analyzer DLC connector from vehicle ALDL port.
Failed Test!

How does that help the customer?

Waivers

- Printable Documents
- Who can issue?
  - NAC 445B.590
Rejected VIR

Alternative Services for Registration Renewal
At Certain Emission Stations
At a Kiosk
By Mail
Online @dmv.nv.gov

DMV Emission Control Program Contacts

<table>
<thead>
<tr>
<th>CLARK COUNTY</th>
<th>WASHOE COUNTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emission Control Lab</td>
<td>• 702-486-4981</td>
</tr>
<tr>
<td>• 702-486-4981</td>
<td></td>
</tr>
<tr>
<td>Supervising Emission Control Officer</td>
<td>• Joel Tying</td>
</tr>
<tr>
<td>• Mike Morris</td>
<td></td>
</tr>
<tr>
<td>Smog Spotter Hotline</td>
<td>• 702-642-7664 (SMOG)</td>
</tr>
<tr>
<td>• 775-686-7664 (SMOG)</td>
<td></td>
</tr>
</tbody>
</table>
You are the Frontline Representative of Nevada's clean air program

TESTING....1,2,3

Let's get ready to take the Exam...

1. Don't mark in test books
2. Read all instructions
3. Refer to your notes
4. Take your time
5. No cell phone use

Thank you!