

THE NEVADA CLEAN AIR BULLETIN

Department of Motor Vehicles

MANAGEMENT SERVICES
AND
PROGRAMS DIVISION



555 WRIGHT WAY

CARSON CITY NV 89711

A NEVADA I/M PROGRAM INFORMATIONAL NEWSLETTER FOURTH QUARTER 2002



EMISSION ANALYZER SERVICE CALLS

Emission station representatives have been contacting the staff of the DMV Management Services Emission Control Section because Worldwide Environmental Products, Inc. is charging for service calls due to problems with their emission analyzer.

It is true the Worldwide emission analyzer has a four-year warranty. However, the warranty is limited. Any service call request for a problem that is not specifically covered under the warranty is billable. Some emission stations have been billed by Worldwide for problems not related to the analyzers warranty. The Department cannot assist station owners in these situations.

As a suggestion, you may want to cover all of the basic analyzer checks before calling for service. It may be possible that you find the analyzer's problem saving you a service call charge.

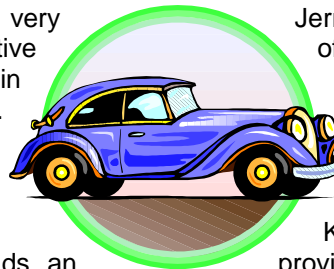
Please review your warranty document that was provided to you

with your Worldwide analyzer to determine exactly what is covered. A copy of the Worldwide NV 2000 warranty can be found in this Clean Air Bulletin for your review.

If you decide that a complaint does need to be submitted to the Department with regards to any dispute regarding analyzer warranty service, please contact your local DMV Compliance Enforcement Office.

"CARS CONVENTION"

Every year a very big automotive event occurs in Las Vegas. SEMA, or the Specialty Equipment



Manufacturer Association holds an event at the Las Vegas Convention Center. Another spectacular display is at the Sands Convention Center, which is specifically directed towards the automotive service industry (AAIW).

In addition to these two great events, members of the automotive industry can also

attend training seminars in conjunction with the Automotive Service Association (ASA) and the American Association of Motor Vehicle Administrators (AAMVA). Training is available for many different aspects of your industry, including motor vehicles inspection and maintenance. This year at the "Future of I/M Seminar" there were several respected speakers that gave presentations. Buddy Polovik, from USEPA gave a very informative presentation about where I/M is headed in the future.

Jerry Truglia, a renowned author of automotive industry publications gave everyone in attendance some very good insight on the current status and needs of the automotive repair industry.

Kerry Freeman with WorldCom provided some information with regards to a new resource they are developing for the automotive industry regarding access to automotive service information, called "VERN". Jerry Gallagher, of Gallagher and Associates informed all in attendance of a technician recognition program that he is developing for Colorado repair shops. And, Mickey Hunt with the

Oregon Department of Environmental Quality gave a presentation regarding their implementation of OBD II inspections.

Several individuals involved with our Nevada Motor Vehicle Emission Program attended this seminar and found the information very informative. Why don't you all mark your calendar and make it a point to attend this seminar next year?

For information on next year's program, check the ASA website at: <http://www.asashop.org>.

OBD OUTREACH MATERIAL

The United States Environmental Protection Agency, Office of Transportation and Air Quality have been working on motorist outreach materials for implementation of OBD II. Nevada has been provided with some of this outreach material, which is currently being distributed to all active emission stations. If you don't receive this information in the very near future, please contact your local DMV emission lab staff.

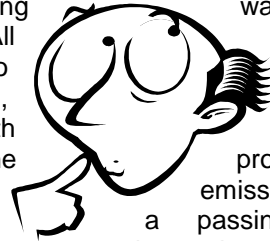


DEPARTMENT INSPECTOR TRAINING

DMV staff members have been working on upgrading the regulator training provided to industry members. This updated training is being based upon information we received from a survey we sent out to industry members earlier this year, and from suggestions received from our training venues approved to provide emission technical training. We are very pleased with how this training program is progressing and hope

to have it in place statewide in the very near future.

We would like to thank everyone representing emission stations and training venues that provided suggestions about how to improve our current training program. It is our intention to provide the highest quality regulator training possible to the industry. All of us at DMV are here to assist industry members, along with being tasked with the regulatory aspects of the program.



REGULATION AMENDMENTS

There have been some changes to a few of the Nevada Administrative Code sections for the emission program. Specifically, OBD II regulations have been finalized, along with some changes to the scope of work 1G facilities can perform on vehicles. When the regulations are codified (codify means to put into code; in this instance it would refer to accepting it as part of the NAC) (put in correct format) the department will provide updates for your NAC binders. If you have any questions about these regulation changes, please contact the staff at your local emission lab. You can also obtain the regulation changes on the State of Nevada Legislative website (Nevada Register) and refer to LCB Files R178-01 and R023-02.



OFFLINE EMISSION INSPECTIONS

The State of Nevada, Department of Motor Vehicles has spent considerable time and resources developing alternative vehicle

registration renewal services. These services include online, phone and mail-in. DMV is also in the process of instituting optional registration renewal at the emission station. These alternative services makes it easier on the customer because they don't have to spend any time waiting in the DMV offices to renew their vehicle registration.

These alternative processes hinge on the emission inspection. Without a passing vehicle emission inspection the vehicle will not be cleared for registration renewal.

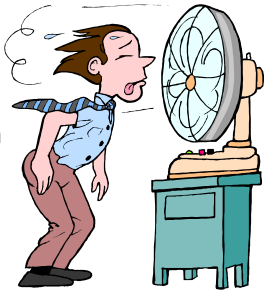
Unfortunately, there is an opinion that testing vehicles offline will reduce the cost of the Electronic Transmission Fee charge. This is not true. The emission station is charged for each and every emission inspection related phone call. Therefore, if an emission station performs emission tests offline, the customer will be unable to utilize alternative registration services until the analyzer is put back online and the emission inspection results are transmitted to the Vehicle Inspection Database (VID).

This is problematic for customers who have waited until they are close to their registration date to get their vehicles emission tested. If the emission test result has not been transmitted to the DMV database then the customer will not be able to renew their registration without going to a DMV office. And we all know how annoying that can be for our customers.

Please do not perform offline emission inspections unless it is absolutely necessary. It makes life easier for everyone especially your customers.

SHOP CONDITIONS

The weather conditions in both southern and northern Nevada can have a detrimental affect on emission test analyzers. The emission analyzers (including components within their cabinets) can operate in a temperature range between 35 and 125 degrees Fahrenheit. In Nevada it is common that ambient conditions exceed both the high and low temperature ranges required for analyzer operation. It is to the emission station operator's advantage to ensure that their shop environment stays within these specified temperature ranges. Many times this will require some sort of climate control mechanism within the shop area for proper emission analyzer operation.



It is also important to clean, wash or replace the ventilation fan filters weekly, taking into consideration that Nevada is a dusty desert environment. Clogged air intake filters can definitely cause overheating of an emission analyzer. It is also very important to place your emission analyzer in a well-ventilated and shaded environment. Recently one of the Management Services & Programs Division staff members visited a shop that was having analyzer "lock-up" problems. An emission inspection was initiated with this emission analyzer, and sure enough, the analyzer did "lock-up". It was found that the cause of this problem was excess ambient hydrocarbons in the shop area, which caused an HC hang-up. Checking the area around the emission analyzer, it was found that a shop rag container was

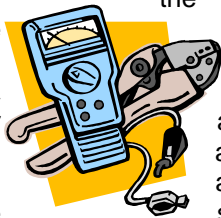
located right next to the emissions analyzer. This container was moved and the analyzer operated fine, after the sample system was allowed to purge itself of all the excess hydrocarbons.

You can expect reliable service out of an emission test analyzer if it is taken care of properly. This same philosophy has applied for any emission analyzer, be it a BAR 74, BAR 84, BAR 90 or BAR 97 model. Plus, a few simple checks of the analyzer you can perform before placing a service call may save you a service charge! You may find the problem and be able to take care of it yourself.

BAR CODE READER CORDS

A number of NV2000 emission analyzers were delivered without the proper cord for their bar code readers. The bar code reader cord is supposed to be self-coiling and at least 20 feet in length. Recently, DMV representatives met with and notified the analyzer manufacturer executives of this problem. The manufacturer has agreed to install the proper bar code scanner cord on all analyzers delivered with the incorrect cord.

All of the incorrect bar code scanner cords should have been replaced by the time you have received this latest Clean Air Bulletin. However, if you still have the incorrect bar code cord on your emission analyzer please contact the analyzer home office at 1-800-832-7664 and inform their service division that the cord needs to be replaced.



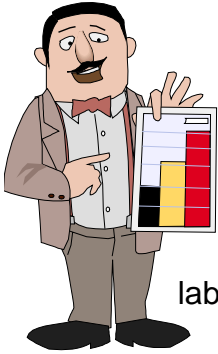
DRIVE CYCLE INFORMATION

When OBDII inspections become pass/fail/rejected when the new-year arrives, some vehicles will not be issued a certificate of compliance due to the fact too

many readiness monitors are not set. This type of situation is commonly referred to as "rejected". Typically, these vehicles only need to be driven under normal conditions to reset the monitors. Occasionally, these monitors can be tough to reset by driving under normal conditions. There are manufacturer specific "drive cycles" that these vehicles may need to have performed before the stubborn monitors will "set" properly. The DMV recently learned from the USEPA Office of Transportation and Air Quality that Motor publications carries a manual that outlines the entire manufacturer specific drive cycles. NCVECS at the Colorado State University also has a manual that outlines OBDII drive traces. One trainer that gave a presentation at the 2002 Clean Air Conference in Colorado advised that trained technicians should always perform the drive cycles due to their complexity. This trainer actually advised against providing the drive cycle to a regular motorist because there have actually been times when accidents have occurred during a drive to reset the monitor.



Labor Rate Survey Results Clark and Washoe Counties



The annual labor rate survey was conducted by the Department of Motor Vehicles, Emission Control Section, for both counties in the I/M Program. The Department is required by NAC 445B.599 to conduct a survey of authorized repair facilities, within the program, and determine the maximum fee that may be charged for the inspection and for issuing evidence of compliance. This is accomplished by taking 35% of the average hourly shop labor rate charged by the authorized stations within the county, and rounding the result to the nearest 50 cents. A questionnaire was mailed to all authorized stations on 10/01/02 for information regarding hourly labor rates charged for repairs to both light and heavy duty motor vehicles. The criteria was that fifty percent of the stations surveyed in each county must respond with a completed questionnaire within 30 days or the survey will be considered void and no changes will be made. The response rate for each county is as follows:

Clark County	59.57%
Washoe County	54.72%

Effective January 1, 2003

GASOLINE

Clark County **Light Duty**

Maximum Test Fee:	\$24.50
VIR Certificate Fee:	\$ 5.00
Electronic Transmission Surcharge Fee:	<u>\$ 2.06</u>
Total Fee:	\$31.56

Washoe County **Light Duty**

Maximum Test Fee:	\$24.50
VIR Certificate Fee:	\$ 5.00
Electronic Transmission Surcharge Fee:	<u>\$ 2.06</u>
Total Fee:	\$31.56

Clark County **Heavy Duty**

Maximum Test Fee:	\$26.00
VIR Certificate Fee:	\$ 5.00
Electronic Transmission Surcharge Fee:	<u>\$ 2.06</u>
Total Fee:	\$33.06

Washoe County **Heavy Duty**

Maximum Test Fee:	\$25.50
VIR Certificate Fee:	\$ 5.00
Electronic Transmission Surcharge Fee:	<u>\$ 2.06</u>
Total Fee:	\$32.56

DIESEL

Clark County **Light Duty**

Maximum Test Fee:	\$33.00
VIR Certificate Fee:	<u>\$ 5.00</u>
Total Fee:	\$38.00

Washoe County **Light Duty**

Maximum Test Fee:	\$28.00
VIR Certificate Fee:	<u>\$ 5.00</u>
Total Fee:	\$33.00

LIMITED WARRANTY STATEMENT

EIS-5000 and EIS-5000S NV94 and NV2000 EMISSIONS SYSTEM

Worldwide Environmental Products Inc.
430 South Cataract Avenue

1-800-832-7764
San Dimas, CA 91773

WORLDWIDE ENVIRONMENTAL PRODUCTS, INC., henceforth **WORLDWIDE**, hereby warrants its vehicle emissions analyzer products to the original and subsequent owner(s) or purchaser(s) of these products. Any other users or bystanders involved with these products are expressly excluded from this warranty. **WORLDWIDE** warrants to the original purchaser that each product manufactured to be delivered thereunder will be free from defects in material, workmanship, and title. This warranty is valid for a period of 48 months from the date of delivery of the NV94/2000 to the original owner(s) or purchaser(s). During the said warranty period, **WORLDWIDE** or its **Authorized Service Centers**, will provide on-site warranty repair service on the equipment at no charge for travel time/ mileage or repairs/parts. **WORLDWIDE** agrees to respond to each warranty service request within 48 hours, excluding holidays and Sundays, from the time of original request to our service center. In the unlikely event that, during the said warranty period, **WORLDWIDE** or its **Authorized Service Centers** fails to properly repair a warranted condition within 24 hours, excluding holidays and Sundays, from the date and time the service is authorized, **WORLDWIDE** will provide a calibrated system with new filters and the most recently approved software to the said owner(s) for use until the mal-functioning system is repaired and returned to the owner(s).

This warranty covers all hardware and software contained inside the tamper resistant analyzer cabinet. Included in the coverage of this warranty is the computer keyboard, video monitor, and computer mouse. However, this warranty does not cover repairs to the equipment necessitated by abuse, misuse, accident, alteration, inadequate or improper maintenance, alteration, or any other cause not a result of defects in material and/or workmanship. This warranty does not cover usable and replaceable parts, such as calibration gas, filters, external hoses and probes, RPM pickup hardware and cables, printer paper, printer toner cartridge and any other parts that must be replenished with normal use. Under the terms of this warranty, the emission analyzer products must be routinely and properly maintained. Repairs required because of acts of vandalism, riots, natural disasters, alterations, improper use, installation and/or use of "non-factory" approved parts, or service by personnel not authorized by or affiliated with **WORLDWIDE** invalidates this and any warranty coverage.

Except for the limited warranty expressly set forth in this paragraph, **WORLDWIDE** grants no other warranties,

express or implied, with respect to the products sold, their merchantability, or their fitness for a particular purpose. The liability if any, of **WORLDWIDE** under this purchase or sale agreement, or under any warranties, in the event of a defective or non-performing product shall be limited to the amount paid by the customer for the products in question. In the event of a proper warranty claim, **WORLDWIDE** shall have the option of refunding the purchase price or replacing any defective product, but shall have no liability for any special, consequential or other damages, including, without limitation, damages for lost profits, business interruption, property damage, personal injury, or the inability of the purchaser to use or sell such products. **WORLDWIDE** is not responsible for any agency or governmental actions, approvals or inaction.

In the event the purchaser claims that products shipped are incorrect, defective or nonconforming, or otherwise unacceptable, then any such claims are waived unless the purchaser has delivered written notice of such claims to **WORLDWIDE** within 20 days of receipt of shipment of the products in question.

In the event of any dispute or claim arising in connection with the sale, purchase or use of this product, whether a contract dispute or otherwise, or in the event of any claim or dispute arising under any contract or purchase agreement pertaining to or arising in connection with the sale, purchase or use of such product, the dispute shall be resolved by binding arbitration, before a single arbitrator, by submission to the American Arbitration Association in Orange County, California, or offices closest to Orange County. All parties agree to such jurisdiction and venue, and any arbitration award may be entered in any court of competent jurisdiction. Moreover, in the event that a court action is filed in order to pursue a motion for provisional relief such as an injunction or attachment, such court action shall be filed in Orange County, California, and shall be stayed after the motion is heard, pending completion of the arbitration.

WORLDWIDE offers an extended service contract. Extended service contracts must be signed and full payment applied before the end of the current covered warranty or service period.

This warranty does not provide product enhancements or options at no cost.