

The Analyzer



THE WISCONSIN VEHICLE INSPECTION PROGRAM

WIVIP HELP LINE
(866) 623-8378

Top Stories

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Need to hire a technician? Help is at hand!

Many resources are available to aid employers in hiring, such as job boards and other employment tools. The two resources described below offer excellent options for filling open positions. Best of all, there is no cost to access either of these resources.

- The **Wisconsin Technical College System** will connect employers with their students and graduates. Visit the Wisconsin Technical College System at www.wtcsystem.edu and visit the Workforce Solutions page to learn more. Hiring managers can access technically trained job seekers in Wisconsin through the free handshake system. Visit the system directly at joinhandshake.com/employers.



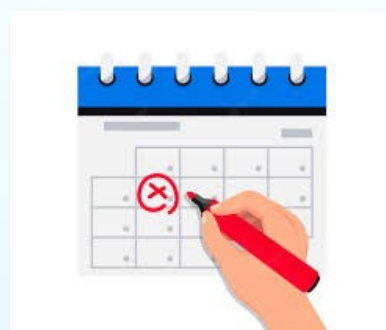
- The **Job Center of Wisconsin** is another great resource to find candidates for employment. They operate through the Wisconsin Department of Workforce Development. To utilize their services a one-time registration is required. This allows access to any of the Job Center's Employer features. After clicking on **Post Jobs** or **Search Resumes** on the JCW homepage, the user will be prompted to create an account and register. A Job Center of Wisconsin's Call Center staff member will call back (usually within 24 hours) to complete the process and provide assistance. Employers can enter, manage, update, and remove job postings, and search the resume database. To start the process, access the website at www.jobcenterofwisconsin.com.



News Flash! *Opus moves into new HQ in Brookfield. See page 6 for details!*

Don't miss it! Free seminar with Frank Corrente coming Sept. 27th

The seminar will be held on **September 27th from 6:00 p.m. to 8:00 p.m.** and will take place at **our new facility in Brookfield** (seminar guests will enter at rear door). Arrive on time and enjoy free drinks and pizza! **Mr. Frank Corrente**, technical instructor from **Moraine Park Technical College**, will be our guest speaker. He will be providing more insights into vehicle emissions inspection, components, operation, and diagnostics. If you have not yet been to one of Frank's free seminars, you are missing out on an enjoyable and informative evening. To RSVP, please contact our office at **(262) 641-5217**. Please have an email address ready if you would like to attend the meeting remotely via Microsoft Teams.



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Program News

New PIFs welcomed

Please welcome the following new PIFs to the WIVIP emissions inspection network!

- FX Window Tinting—Oconomowoc
- Prime Motors LLC—Kenosha
- Kunes Buick GMC—Greenfield
- Tom's Auto Sales—Milwaukee
- Ibarra Auto Detailing—Milwaukee
- R & D Auto Repair—West Allis
- Tech Way Auto Express—Milwaukee
- Tires Plus—Franklin
- 4 Seasons Automotive LLC—Milwaukee

Interested in joining the WIVIP team as a PIF?

It's easy! Contact Bob Patzer

Phone: (262) 282-5598

Email:

Bob.Patzer@Opusinspection.com

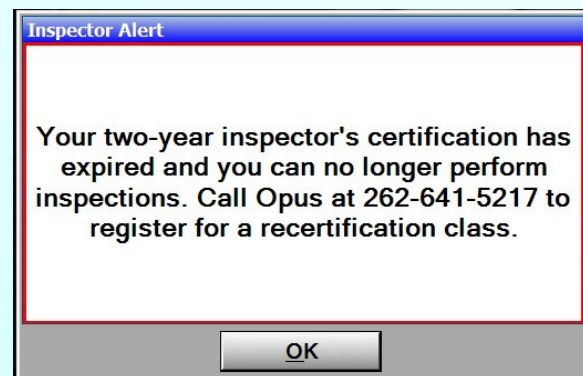
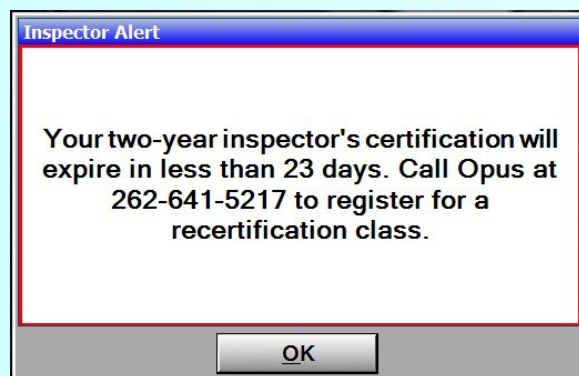
Training at the new Opus HQ in Brookfield

All training will now be held at the new Opus Wisconsin team's new office at **3225 Gateway Road #450, Brookfield**. Please contact our office if you need to schedule certification or recertification. Classes are held every **Wednesday at 12:00 p.m. and 5:00 p.m.**

To register for either the midday or evening session please email Tammy.Ross@OpusInspection.com and/or Abraham.Calderon@Opusinspection.com. In the email, please provide a copy of the trainee's photo ID, birthdate, facility name and location, and the preferred time slot for the class. The trainee will also need an email address they can access during training. Questions about training are welcome, just call our office at (262) 641-5217.

What to know about inspector license recertifications

Inspector license certifications are good for two years. Your license has an expiration date; please be aware of this date and plan accordingly. You may renew your license up to six months prior to expiration. When you log in to the inspection analyzer, you will receive a notification when you are approaching your license expiration date (see examples below).



Recertification process

For recertification training, candidates are required to register for one of the weekly classes and must bring a photo ID with full legal name and date of birth when they arrive. Opus instructors will provide self-study materials for recertification candidates to study on their own and will be available to answer questions. During the class meeting, candidate inspectors will perform an inspection as part of a practical exam.

Recognition Status for Emissions Repairs

Benefits to becoming a recognized repair facility with the Wisconsin Vehicle Inspection Program

Motorists in southeastern Wisconsin seek emissions related repairs for vehicles that cannot pass the emissions inspection, a biennial requirement for most vehicles to complete registration renewal or at the time a vehicle changes ownership.

A repair business achieves recognition if it has at least one technician with advanced emissions related training (see details below) and has completed the registration process with the Wisconsin Vehicle Inspection Program (WIVIP).

Repair facilities meeting recognition criteria can realize the following advantages:

- ◆ **Increased business:** Accurate repairs yield satisfied customers and word-of-mouth referrals from family and friends.
- ◆ **Free advertising:** Only a list of recognized repair facilities is provided to motorists at the time of the vehicle's failure or reject. There is also a special section on the program website (www.wisconsinvip.org) that lists recognized repair facilities.
- ◆ **Increased credibility:** A recognized repair facility is one of a select group of repair facilities distinguished for having technicians with advanced emissions repair training.
- ◆ **Standing out:** Only DTC-related emissions repair work performed at a recognized repair facility is eligible for waiver consideration.



How to become recognized

If your facility employs at least one technician with ASE L1 certification or WISETECH certification; or is a franchised new car dealership, it is one step away from becoming a recognized repair facility.

You may register your facility, free of charge, with the Wisconsin Vehicle Inspection Program (WIVIP) by completing the application at: <http://www.wisconsinvip.org/WivipPublic/PDF/Forms/RecognizedRepairFacilityApplication.pdf>.

Once recognized, your facility will appear on the www.wisconsinvip.org website, as well as on handouts to customers.

If you would like to become recognized, but need to be certified or recertify, you can find information regarding the ASE process at www.ase.com.

Recognized repair facilities with the WIVIP benefit from:

- ◆ **Increased business**
- ◆ **Free advertising**
- ◆ **Increased credibility**
- ◆ **Standing out from other businesses**

You may Register your facility free of charge if:

- ◆ **You employ at least one technician with ASE L1 certification or WISETECH certification;**
- OR
- ◆ **Your facility is a franchised new car dealership.**

Repair Book Data Entry

Facilities can easily receive credit for repair activity of vehicles that failed their emissions inspection. Emissions inspectors and repair technicians can access the Repair Book reporting website and log emissions-related repairs. Your success rate in repairing vehicles will be posted on the www.wisconsinvip.org website. It is a great way to inform past, current, and future customers about your success in performing emissions-related repairs.

STEP 1: IS YOUR BUSINESS ALREADY REGISTERED WITH THE WISCONSIN VEHICLE INSPECTION PROGRAM? See page 3 of this newsletter for details.

Once registered, your facility's repair activity can be reported on www.wisconsinvip.org, which is the official program website. The more effective you are at repairing vehicles that had failed the emissions test, the better your repair score!

STEP 2: DATA ENTRY PROCESS FOR EMISSIONS RELATED REPAIR

During each emissions test a prompt will ask if emissions-related repairs have been performed. Each inspector should properly respond to this question and enter the appropriate data. Technicians can access data entry via the repair book website: www.wisconsinvip.org/RepairBook/, (If you need help accessing the repair book or lost your password, please contact our office at (262) 641-5217.)

Certified Repair Info			
Owner Repair? <input type="radio"/> Yes <input type="radio"/> No	Total Parts Cost <input type="text"/>	Total Labor Cost <input type="text"/>	
For three dollars and thirty cents enter 3.30. For three hundred and thirty dollars enter 330			
The following should be completed only if NOT repaired by owner:			
Work Order # <input type="text"/>	Facility of Person Performing Repair <input type="text"/>	Apply to REI? <input type="checkbox"/>	
Phone# <input type="text"/>			
City <input type="text"/>	State <input type="text"/>	Zip <input type="text"/>	
Repair Date <input type="text"/>			
Vehicle Repair Data			
For reinspection or waiver qualification, the person performing the repairs must complete this form. Please place one "X" per item in the box to indicate which component has been (A) repaired, (B) replaced, or (C) repairs were recommended but not performed.			
1. Air Filter Element	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	15. Air Injection System	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
2. Thermostatic Air Cleaner System	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	16. Positive Crankcase Ventilation System	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
3. Transmission Repairs	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	17. Catalytic Converter	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
4. Engine Temperature Controls	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	18. Evaporative Canister	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
5. Idle Speed Adjustment	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	19. Repairs for Purge System Failure	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
6. Fuel Injection Components	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	20. Repairs for Pressure System Failure	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
7. Diesel Particulate Filter	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	21. Knock Sensor	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
8. Fuel Injectors	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	22. MAF Sensor	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
9. PCM Module	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	23. Oxygen Sensor	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
10. Spark Control System	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	24. Computer System Fault Codes	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
11. PCM Reflash	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	25. Coolant Sensor	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
12. Spark Plugs and/or Wires	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	26. MAP Sensor	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
13. Other Ignition Sys. Repairs	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	27. Other Sensors	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
14. EGR Valve	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None	28. Diagnostic Fees	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> None
<input type="button" value="Continue"/>			

Complete the information requested and select **Continue** once data is entered. If you see the screen below you entered the data correctly.

Success	
Congratulations! The repair data has been saved! This data may be used in the determination of your facilities REI.	
<input type="button" value="Continue"/>	

Questions? Call (262) 641-5217



The Technician's Bench

Maximizing inspection process speed and efficiency

The amount of time it takes to conduct an emissions inspection is reliant on many factors. Opus team members have been studying the process and have identified a few tips that may help to either speed up the process or at least explain some of the delays that can occur:

Efficiency and experience of the inspector

- ◆ After the first 20-50 inspections a new inspector typically is up to speed and able to move through the process quicker.

Inspection process

- ◆ To speed up the process, document on a note pad the vehicle mileage, plate number, GVWR, and results of the key on engine off/key on engine running—Malfunction Indicator Lamp (MIL) bulb check—when the vehicle is first pulled into the dedicated inspection location. See below for an example of a log sheet.
- ◆ Plugging into the Data Link Connector (DLC) on the vehicle at the point the analyzer requests this to be done and doing so when the vehicle has been running for at least 30 seconds improves probability that communication with the vehicle will be successful.
- ◆ Only unplug from the DLC when the analyzer requests this to be done, not before.
- ◆ Follow through on all menu items from the analyzer process. Example, leaving the analyzer on the menu that asks if a registration renewal is desired should not be done. Respond “No” if the motorist does not want to renew to ensure the analyzer completes and closes out the inspection process and is ready for the next.



Condition of the vehicle under test

- ◆ Some vehicles do have communication issues. Always follow the on-screen messages when this occurs to determine if there is a vehicle communication issue or if there is an issue with the analyzer hardware.
- ◆ Always verify that the DLC is fully and properly plugged in and both the yellow and green lights are illuminated.

Speed of the internet connection

- ◆ Each inspection is transmitted to the vehicle information database and to the State when completed. This process must fully complete for a vehicle registration to be authorized. If the internet connection is slow, due to either local or larger scale issues, the process can be delayed.
- ◆ The registration renewals not only rely on the test record being transmitted, a verification message is required. Again, the internet can be a factor.

The analyzer

- ◆ The analyzer can become slow; this can occur if the analyzer has been left waiting for a menu prompt and not returned to either the main menu of the inspection menu prompt.
- ◆ Each night (or at other times if required) the analyzer will receive a refresh and updates as required. For this to occur the analyzer must be left on the main menu or inspection menu prompt. The best practice is to perform a nightly shutdown function as you leave the shop. Please contact Opus if you have any questions about these items or if you have other tips that can be shared. A log sheet example is provided below:

Make	Model	Odometer	Plate	KOEO	KOER	GVWR

Community News

Emissions waiver repair cost limit increased to \$1,053 effective July 1, 2023

The repair cost limit for all model year vehicles subject to emissions testing has been increased to \$1,053, effective July 1, 2023. This figure is adjusted annually by the DNR per NR 485.045.

Vehicles subject to emissions testing that continue to fail may be eligible for a cost waiver if actual costs of emissions related repairs exceed the repair cost limit. **Only repairs that are related to the vehicle's cause of failure can be used to apply for a cost waiver.** Costs covered by any warranty or costs to repair or replace emissions control equipment that has been removed, modified, or disconnected are excluded.

The owner must have emissions related repairs performed on the vehicle at a recognized repair facility to qualify for waiver consideration. A list of recognized repair facilities may be found at: <http://www.wisconsinvip.org/WivipPublic/Pages/RecognizedRepairFacilities.aspx>.

TRANS 131.02(39) includes franchised NEW car dealerships as recognized repair facilities.

Opus Wisconsin headquarters now in Brookfield

The Opus Wisconsin team has moved from our old office in New Berlin to a larger facility in Brookfield. Our new address is:

**Opus Inspection Technologies, Inc.
3225 Gateway Rd #450, Brookfield, WI 53045**



Pictured: New Opus HQ in Brookfield front entrance (above) and rear entrance (right) where most trainees and seminar guests will enter.

All emails and telephone numbers remain the same. Please note that *training classes and quarterly seminars* have now moved to the Brookfield location, so check the address on your training confirmation to ensure you go to the correct facility.

