
THE ANALYZER

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Welcome to the Analyzer

The Newsletter of the Wisconsin Vehicle Emissions Program

Editor

Systech International

Welcome to the first issue of The Analyzer, the official newsletter of the Wisconsin Vehicle Inspection Program, **WIVIP** for short. This Newsletter will offer interesting and important information about the **WIVIP**, designed to provide insight and a better understanding of our program.

Each issue will provide updates on a wide variety of subjects designed to make your inspection, registration and repair performance easier and more productive.

The Analyzer will be published quarterly and sent electronically to every Private Inspection Facility, Recognized Repair Shop and Registered Repair Shop in the seven county program area. If you are not an Inspection Station and wish to continue to receive The Analyzer you must send your e mail address to the Systech International office to

Lisa.Calvino@systechportal.com.

Gateway Technical College Updates WISETECH

Course for Technical Repair of OBD failures – Recognized Repairers

New Course to begin in spring of 2014

Ken Dotzler Automotive Instructor

Gateway Technical College

Gateway Technical College is in the process of revising and updating WISETECH. Since last year we have seen an increase in the number of techs interested in obtaining WISETECH certification and further increases are expected once the state changes Recognized Repair certification from non-expiring to one that expires. It has been a number of years since the WISETECH curriculum was updated and a full and complete overhaul is due.

The new course will be 75 hours long over a 15-week semester. It will be offered only on-line at this time. With an on-line course, techs will be able to adjust their “class-time” to fit their individual schedules. We are also hoping to attract techs from outside our typical commuting range. We can offer a more “hands-on” version of the class if there is enough demand.

Answers to frequently asked questions about WISETECH Certification:

Q: What is WISETECH?

A: WISETECH is an advanced level emissions diagnosis & repair training program established by TRANS131. Techs who have successfully completed the course meet the requirements for “Recognized Automotive Emission Repair Technician” status.

Q: What is a Recognized Automotive Emission Repair Technician?

A: A Recognized Automotive Emission Repair Technician is a tech had has either successfully completed the WISETECH course OR has the ASE L1-Advanced Engine Performance certification. A shop that employs at least one Recognized technician can apply for Recognized Repair Facility status.

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Lake Shore Technical College: Path to Success

Ben Adams

Automotive Department Lakeshore Technical College

Carl Roethel loved working with engines as a kid. Carl graduated from Oostburg High School in 1974 knowing he would become a mechanic. Lakeshore Technical College had just opened its Cleveland Campus and Carl enrolled in the Auto Technician program. One year later, he was employed full time at Mel Campbell Chrysler Plymouth in Sheboygan.

In 1979, Carl purchased a local gas station and opened Carl's Service. Carl quickly hired fellow LTC Auto Technician graduate, Tony Heinen.

Soon, the two bays at Carl's Service weren't meeting demand. Forming a partnership that exists today, Carl and Tony started Carlton Automotive in Oostburg in 1981.

Great service and technical excellence have led to a thriving business, employing 15 people. Carl's son, Aaron, is an employee and an LTC Automotive Technician grad.

"Education has changed with today's engines," says Carl. "It's the same program, but auto repair was truly mechanical for me. Aaron has evolved into a computer technician. But without that education, he wouldn't have the understanding of basic automotive principles."

The LTC Automotive Maintenance Technician program is designed to present students a combination of technical skills, soft skills, and hands-on experience in preparing them for the competitive and ever-changing automotive industry.

Graduates of the LTC Automotive Maintenance Technician program are equipped with a set of tools and know how to diagnose and repair the complex computer related problems found in today's auto repair industry. The program is certified by NATEF and graduates receive training in all eight areas of ASE certification, including emissions and drivability. Students also perform service learning activities within the local community so their knowledge goes beyond the classroom.

LTC's Advisory committees, made up of local auto maintenance professionals, keep LTC responsive to the needs of the community and the curriculum required to graduate students who are ready-to-work immediately. Last year, 98% of employers who hired an LTC grad of any kind said they would hire another. LTC Auto Maintenance grads truly put the hire in higher education!

Technical Assistance Centers The Five TACs Provide a Range of Services

The Wisconsin Vehicle Inspection Program Technical Assistance Centers (TAC) are five well respected and highly qualified private repair facilities conveniently located in the IM program region. Each one has decades of experience in emission related repairs and is staffed by skilled certified automotive technicians.

The TACs are equipped with the latest diagnostic equipment, engine analyzers and diagnostic manuals. The TACs are able to assist motorists on a variety of emission related issues. Motorists may use TAC services by making an appointment, either by calling the closest TAC or by using the appointment form on the program web site (see page 4).

The TAC locations:

- ANAYAS AUTO REPAIR 2515 52ND ST KENOSHA
(262) 652-1441
- AUTO ANALYZERS 8404 W GREENFIELD AVE
WEST ALLIS (414) 476-0077
- CARLTON AUTOMOTIVE, INC. 1318 CENTER AVE
OOSTBURG (920) 564-3433
- JERRYS AUTOMOTIVE SERVICE, INC. HWY F
WAUKESHA (262) 542-2600
- SCHAEFERS SERVICE CENTER, INC. 1130 E COMMERCE
BLVD SLINGER (262) 644-8418

TAC services assist motorists with a wide range of emission related issues all provided free of charge, including:

Diagnostic Waivers - Only a TAC can issue a diagnostic or cost waiver. The criteria for a cost waiver are:

- Vehicle has failed two inspections.
- ONLY Repairs between inspections were performed at a Recognized Repair facility. (View the Recognized Repair Facilities)
- Vehicle receives a complete, documented, physical and functional diagnosis and inspection at one of the TACs.
- TAC analysis shows that no additional emissions related repairs could produce additional emissions reductions.
- Vehicle passes an under hood inspection.
- DOT Auditor approves the waiver.

Diagnostic Repair Assistance - Motorists experiencing problems with repairs after failing an emission inspection may make a TAC appointment for a diagnostic evaluation. This free service is for analysis only.

Readiness Monitor Issues - Motorists experiencing problems with non-ready monitors after an emission failure and repair may make a TAC appointment for assistance in resetting them. TACs are equipped with a dynamometer system providing a system to readily reset monitors.

PROGRAM FACTS

- 200 Private Inspection Facilities providing Registration and Inspections
- 1,608 Licensed Inspectors
- Seven County Program Area
 - Kenosha
 - Racine
 - Milwaukee
 - Waukesha
 - Ozaukee
 - Washington
 - Sheboygan
- Inspections performed in 2013 = 270,073
- Registration Renewals Issued = 51,073
- Temp Plates Issued in 2013 = 3,922
- Stations on program wait list = 140

Calendar of Events

WATCH THIS SPACE FOR A LISTING OF UPCOMING IMPORTANT PROGRAM EVENTS:

- INSPECTOR TRAINING CLASSES
- REPAIR SEMINARS
- GATEWAY AND LAKE SHORE COMMUNITY COLLEGES COURSE SCHEDULES
- SOFTWARE UPDATES

Q: Do we need to be a Recognized Facility to perform emission repairs?

A. No, however only repairs performed at a Recognized Repair Shop count towards a cost waiver if one is needed.

Q. Are we required to take WISETECH?

A. No, neither shops nor techs are required to be recognized to perform the emission test or to perform emission repairs. Recognized Shop status only comes into play when a cost waiver is requested.

Q: What is the difference between ASE-L1 and WISETECH?

A. The biggest difference is that L1 is a drivability focused test, while WISETECH will be emissions focused. L1 is a test only with limited “study” options. The ASE L1 exam tests what you know. WISETECH will be a comprehensive training course teaching you what you need to learn to repair difficult emission problems. There will be a test at the end of the course.

Q: I’ve attended OBD-II training for years. How will WISETECH be different?

Although there is a lot of OBD-II training available, very little of it goes beyond the basics. WISETECH explains the most difficult to repair cars. Subjects include

- Monitors
- Code definitions
- OBD software and hardware functionality.
- \$FFFF and EWMA explained
- The latest diagnostic tools
- Best repair practices for most common failures

Q: Cost and registration?

A: We are still in the early stages of development and do not have firm answers to these questions. We are looking at a spring of 2014 launch and as we get closer to finalized course dates and costs we’ll post them in this newsletter. Expect a price in line with the typical aftermarket training session.

Q: Can I just take the test?

A: Not at this time. We took a long hard look at this option and could not come up with a good answer. It would cost nearly as much as the full class, so it makes the most sense to take advantage of the training before taking the test. Eventually, we may offer a test only option, when the new certifications begin to expire, but for now you will have to take the full course. Hopefully, we’ll be able to show a thing or two and make the course worthwhile.

WISETECH will be a comprehensive training course teaching you what you need to learn to repair difficult emission problems.

**PROGRAM HOTLINE
FOR**

QUESTIONS/SERVICE/CONSUMABLES

(866) OBD – TEST

**PROGRAM WEB SITE
FOR**

DETAILED PROGRAM INFORMATION

WWW.WISCONSINVIP.ORG

Data Integrity The Inspector's Most Important Job

The private inspection facilities that make up the Wisconsin vehicle test stations have been doing an outstanding job.

They should be congratulated. There have been a small number of problems and these frequently stem from failure to verify that all of the vehicle information entered during the inspection is accurate.

Always check the data. Make sure that the VIN, plate, county, make, model and mileage are correct before completing the inspection or registration! Doing so saves you time and ensures happy motorists!

WEIGHT WAIVER REMINDER

**TWO IMPORTANT
NUMBERS TO
REMEMBER:**

1. **8,501 lbs.** – The Gross Vehicle Weight (GVWR) a vehicle is eligible for a weight waiver
2. **2007** – The Model Year when Federal law requires all vehicles, gasoline and diesel, up to 14,000 GVWR to be OBD compliant. 2007 and newer vehicles up to 14,000 lbs. GVWR have functional OBD systems and must receive an inspection. No vehicle 2007 and newer can receive a weight waiver.

Weight Waiver Facts

- Passenger vehicles cannot be

granted weight waivers

- The Weight Waiver Range Screen is a reminder to check the vehicles GVWR and determine if the vehicle should receive a weight waiver. It is not a requirement to issue one.
- Always check for data accuracy – Do not assume the default weight waiver range downloaded for a vehicle is always correct! The download presents a weight range that you **MUST** verify. You must always verify data accuracy.
- If the wrong vehicle weight is in the analyzer, it **MUST** be changed by clicking the GVWR button in the Vehicle Data Summary screen.

- Check for the actual GVWR whenever a potential Weight Waiver vehicle is present.
- The GVWR and VIN must be verified before clicking “yes” when issuing a weight waiver.
- **CHECK THE WEIGHT by looking on the driver's side Door Jam.** The VIN on the sticker must be compared to the dash and the paperwork.
- No weight waiver may be issued without the vehicle present.
- **Call the Hot Line for GVWR assistance.**

(866) OBD - TEST

