



## GET 3RD EYE TRAINING!

Add the 3rd Eye Camera Training to Nextelintelligence MAT Training classes or sign up for new live webinar classes!

### HELP YOUR TECHNICIANS TAKE THEIR 3RD EYE DIAGNOSTIC, REPAIR, AND MAINTENANCE ABILITIES TO THE NEXT LEVEL!

Nextelintelligence Factory Training classes help to dramatically increase the technical expertise of your technicians.

Reduce repair times for the fleets you service; increase productivity of your 3rd Eye products (or that of your customers); and provide invaluable troubleshooting knowledge that technicians can then use to train other technicians.

#### CAMERA TRAINING: 4 HRS

- 7" monitor overview/operation
- 9" Recording monitor overview/operation
- Heil interfacing Switchbox overview/operation



#### DIGITAL TRAINING: 4 HRS

- Digital System Overview/Operation
- Verif-Eye Overview
- Magnif-Eye – Safety
- Purif-Eye – Recycling Contamination Detection



**2024 3rd Eye Nextelintelligence  
Connected-Tech Training**



## 2024 3RD EYE LIVE WEBINAR TRAINING SCHEDULE

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
June 4th	Camera	Webinar	12 pm - 4 pm
June 5th	Digital	Webinar	12 pm - 4 pm
July 9th	Camera	Webinar	12 pm - 4 pm
July 10th	Digital	Webinar	12 pm - 4 pm
August 6th	Camera	Webinar	12 pm - 4 pm
August 7th	Digital	Webinar	12 pm - 4 pm
Sept 10th	Camera	Webinar	12 pm - 4 pm
Sept 11th	Digital	Webinar	12 pm - 4 pm
Oct 8th	Camera	Webinar	12 pm - 4 pm
Oct 9th	Digital	Webinar	12 pm - 4 pm
Nov 5th	Camera	Webinar	12 pm - 4 pm
Nov 6th	Digital	Webinar	12 pm - 4 pm
Dec 3rd	Camera	Webinar	12 pm - 4 pm
Dec 4th	Digital	Webinar	12 pm - 4 pm



## 2024 3RD EYE FACTORY TRAINING SCHEDULE

- Conducted at Heil Training Facility as an extension to a **REQUESTED** half third day of the Heil Factory MAT training
- Only available as an add-on purchase option to the Heil MAT training

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
June 20th	Camera/Digital	Factory	8am - 12 pm
July 25th	Camera/Digital	Factory	8am - 12 pm
August 22nd	Camera/Digital	Factory	8am - 12 pm
September 26th	Camera/Digital	Factory	8am - 12 pm
Oct 24th	Camera/Digital	Factory	8am - 12 pm
December 5th	Camera/Digital	Factory	8am - 12 pm
December 19 <sup>th</sup>	Camera/Digital	Factory	8am - 12 pm



### Enrollment Info:

For enrollment, contact the training department at [nexteligenence@doveresg.com](mailto:nexteligenence@doveresg.com)



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Connected-Tech Training



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**NEW TO THE SCHEDULE!**

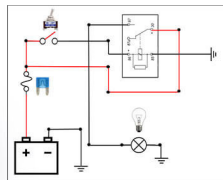
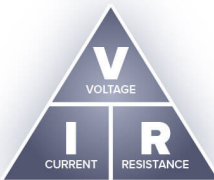
## Electrical Fundamentals I and Digital Multimeter Operation

Scheduled Upon Request  
(Factory or On-Site Availability Only)

### HELP YOUR TECHNICIANS TAKE THEIR ELECTRICAL SKILLS TO THE NEXT LEVEL!

We're proud to introduce the new 'Electrical Fundamentals I' and 'Digital Multimeter Operation' classes to our Nextelintelligence training schedule. These one-day sessions are structured similarly to our current MAT classes, and count towards Connected-Tech Certification.

On the first day, participants will explore basic electrical concepts and theories. The second day is dedicated to mastering the setup and use of a digital multimeter. Students will learn how to test various types of circuits to become thoroughly acquainted with the capabilities of a digital multimeter for testing and troubleshooting electrical faults.



#### Electrical Fundamentals I

- Review Safety Best Practices
- Overview Concepts & Circuits
- Read Schematics
- Recognize & Troubleshoot Faults



#### Digital Multimeter Operation

- Overview Functions
- Setup for Diagnosis and Testing
- Test Circuits



**2024 Heil Nextelintelligence  
Connected-Tech Training**





## Basic Electrical and Digital Multimeter (DMM) Class Agenda

### Day 1 – Electrical Fundamentals I – Automotive Format for the Refuse Industry

1. **Safety.** Adhering to safety rules and guidelines is always a top priority for everything we do. Review best practices, personal protective equipment (PPE), hazard definitions and lock out tag out procedures.
2. **What is Electricity?** Learn how electricity is formed and the differences between alternating current (AC) and direct current (DC).
3. **Types of Electrical Circuits.** Learn the types of electrical circuits and how voltage, amperage, and resistance affect each circuit.
4. **Electrical Theory.** Overview and apply OHM's Law and the Power Formula, which are important equations for testing electrical components and knowing whether a device has failed without guesswork.
5. **How to Read Electrical Schematics.** Learn schematic symbols and how to read an electrical schematic.
6. **Faults in an Electrical Circuit.** Learn different types of faults that can occur in an electrical circuit and how to test and repair each fault.
7. **Knowledge Check.** Test your knowledge by troubleshooting various fault scenarios in a circuit.

### Day 2 – Digital Multimeter Operation (You must bring a multimeter for this portion of the class)

1. **What is a Digital Multimeter (DMM)?** Learn the components of the DMM and how each function is used to diagnose problems in an electrical circuit.
2. **Rules for testing circuitry.** Overview the rules for testing and the types of tests.
3. **Testing Circuits.** Learn to test for voltage, voltage drop, resistance and amperage.
4. **Component Testing.** Apply your DMM to test various components such as relays, diodes and coils.
5. **Knowledge Check.** Test your knowledge by identifying how voltage, amperage and resistance reacts in an electrical circuit at different points under various electrical conditions.





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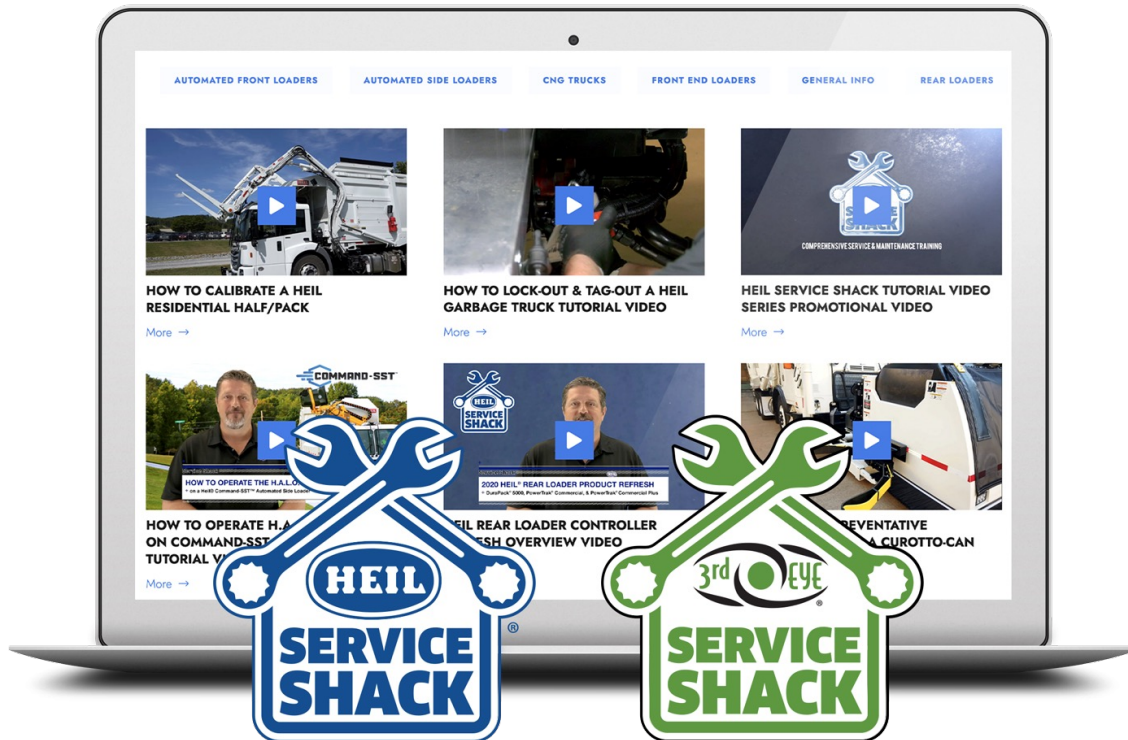


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## TAKE ADVANTAGE OF OUR TRAINING RESOURCES!



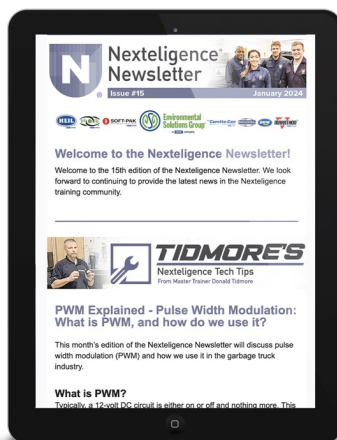
**Service Shack®** tutorial videos are available to you 24/7. Our Service Gurus cover a wide range of topics, with easy-to-understand tutorials that can save hours of valuable time and keep your Heil and 3rd Eye products in peak operating condition.

### Visit the Heil Service Shack

<https://www.heil.com/service-shack>

### Visit the 3rd Eye Service Shack

<https://www.3rdeyecam.com/service-shack>



## Monthly Nexteligenz Newsletter

The **Nexteligenz Newsletter** is a monthly resource that focuses on a wide range of specialized topics, such as hydraulics, electrical systems, and more. Visit link below:

<https://www.heil.com/newsletter-signup/>



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