



TABLE OF CONTENTS

- 2 Introduction
- 3 Technician Program
- 4 Sutphen Course Descriptions
- 5 ASE & EVT Course Descriptions Vendor
- 6 Vendor Specific Trainings
- 7 Schedule
- 8 Sutphen Course Registration Form
- 9 EVT Exam Prep
- 10 Registration Form EVT Exam



To: Sutphen Dealer Network and Sutphen Customers

From: Todd Winnenberg, General Manager Sutphen Service and Technical Division

Date: August 2, 2022

RE: Sutphen 2023 Course Catalog

After a successful year of training, education, and hands-on application in 2022, the Sutphen Service and Technical Division is excited to continue its training program in 2023.

We want to thank those who participated in 2022 for both your participation and for your feedback. With your participation and feedback, we are able to continually improve and make Sutphen's training courses even better in the years to come.

With our technicians, dealers, and customers' commitment to increasing their knowledge of our products, together, we are ensuring the longevity and lifespan of each Sutphen fire apparatus.

Within this catalog, you will find the 2023 training dates which includes Sutphen-specific classes, but also includes EVTs classes and exams offered to our Sutphen customers and dealer network.

For pricing and additional information about the classes, please contact our training and technical support manager, Janalle Kizer, at Janelle.Kizer@SutphenCorp.com or via phone at 937-969-8851.



TECH I

Tech I Description:

Tech I is a beginner-level technician that has general knowledge of basic mechanics and certain Sutphen, vendor, ASE & EVT certifications

In order to certify as a Tech I, the Foundation Experience certifications listed to the right must be completed.

Tech I Foundation Experience:

- Sutphen Aerial Course
- ASE T4 and T5
- EVT F1 and F2
- Vendor Trainings

 Engine Diagnostics
 - o Generator
- Practical and Exam

TECH II

Tech II Description:

Tech II is an intermediate-level technician that has completed all Tech I Foundation Experience certifications in addition to those listed to the right.

Tech II Foundation Experience:

- Sutphen Pumper Course
- ASE T2, T3 and T6
- EVT F3 and F4
- Vendor Trainings
 - o Pump Maintenance
 - o Multiplexing Theory
- Practical and Exam

TECH III

Tech III Description

Tech III is a master-level technician that holds all Tech I and Tech II Foundation Experience certifications in addition to those listed to the right.

Tech III Foundation Experience:

- Sutphen Advanced Course
- ASE T1 and T7
- EVT F5 and F6
- Vendor Trainings
 - o Advanced Engine Diagnostics
 - o Transmission Diagnostics
 - o Aerial Controls
- Practical and Exam

SUTPHEN SPECIFIC TRAININGS

AERIAL

Operations & Maintenance

The Sutphen Aerial training course offers a general operations and maintenance review. This course will teach you troubleshooting tips and diagnostics while having an opportunity for handson training to apply processes learned in this course.



PUMPER

Operations & Maintenance

This course will provide you with the knowledge and tools needed to maintain your pumper and understand how its various systems work on your fire apparatus. There will be classroom sessions for general operations and maintenance reviews, as well as hands-on training.



SUTPHEN ADVANCED

In this course, you will participate in a deep dive on pumps, aerial controls, hydraulics and multiplexing theory. This is for advanced technicians that want to reach the next level.



AUTOMOTIVE SERVICE EXCELLENCE AND EMERGENCY VEHICLE TECHNICIAN

ASE CERTIFICATIONS

- T1 Gasoline Engines
- T2 Diesel Engines
- T3 Drive Train
- T4 Brakes
- T5 Suspension & Steering
- **T6** Electrical/Electronic Systems
- T7 Heating, Ventilation, & Air Conditioning (HVAC)
- **T8** Preventative Maintenance Inspection
- *ASE Classes are offered online through Garage Gurus. Examinees are responsible for registering & paying for their classes & exams. ASE exams can be registered through the myASE portal.



- F1 Maintenance, Inspection, and Testing of Fire Apparatus
- **F2** Design & Performance Standards of Fire Apparatus
- F3 Fire Pumps & Accessories
- F4 Fire Apparatus Electrical Systems
- F5 Aerial Fire Apparatus
- F6 Allision Automatic Transmissions
- F7 Foam Apparatus and Systems
- F8 Hydraulics
- FA4 Advanced Electrical Systems
- *EVT Exams will be offered after each EVT Exam
 Prep class. Examinees are responsible for registering
 & paying for their exams with the EVT Certification
 Commission. Sutphen will ONLY proctor this exam.



VENDOR SPECIFIC TRAININGS

PUMP TRAININGS

Technician Level II - Hale

- Waterous

DIAGNOSTICS TRAINING

Technician I - Cummins

Technician III - Allison

Technician III - Detroit

GENERATOR TRAININGS

Technician I - Smart Power

AERIAL CONTROLS TRAININGS

Technician III - Sauer-Danfoss

- OEM Controls

- Intellitec

ELECTRICAL TRAININGS

Technician II - Class 1

PREFERRED ADDITIONAL CERTIFICATIONS

Welder Cert - 2G, 3G (Steel, SS, & Aluminum Plate)

Welder Cert - 5G, 6G (SS & Aluminum Pipe)

State of Ohio - CDL Class A/B





2023 SUTPHEN TRAINING SCHEDULE

Jan 9-13	EVT F1- Maintenance, Inspection, and Testing Fire Apparatus EVT F3- Fire Pump & Accessories
Feb 7-9	Pumper Operations & Maintenance
Feb 13-16	EVT F4- Fire Apparatus Electrical Systems
Mar 7-9	Aerial Operations & Maintenance
Apr 10-14	EVT F2- Design & Performance Standards of Fire Apparatus EVT F6- Allision Aitomatic Transmissions
May 9-11	Pumper Operations & Maintenance
Jun 13-15	Aerial Operations & Maintenance
Jul 10-13	EVT F5- Aerial Fire Apparatus
Aug 8-10	Pumper Operations & Maintenance
Sep 12-14	Aerial Operations & Maintenance
Oct 2-6	EVT F8- Hydraulics EVT FA4- Advanced Electrical Systems
Oct 9-11	EVT F7- Foam Apparatus & Systems
Nov 7-9	Pumper Operations & Maintenance
Dec 12-14	Aerial Operations & Maintenance

[•] All of these courses are offered onsite at our Service & Technical Division. EVT Exam Prep classes will offer proctored exams immediately following classes. It is the Examinees responsibility to register & pay for the exam with the EVT Certification Commission.

SUTPHEN TRAINING COURSE REGISTRATION FORM

Name:

	2023 TRAINING		
Participant Name:			
Company or Fire Department:			9 Feb 7-9
		Sept 12-	15 May 9-11 14 Aug 8-10
Address:		Dec 12-	
City:	State:		
Zip Code:	Phone Number:		\sim
Email:			our completed form to izer@sutphencorp.co
Course Name	Date	Cost	Total
Aerial Training & Maintenance		\$600	
Pumper Training & Maintenance		\$600	
Payment must be made in full prior to the date of training to rese	rve your seat. Payment due date is 30 days prior	to class start date.	
PAYMENT METHOD:			
MasterCard or Visa			
Card Number:		。 第二章 1955年,1950年,1950年,1950年,1950年,1950年,1950年,1950年,1950年,1950年,1950年,1950年,1950年	
Name on Card:	Signature		
Billing Address:			

To check training availability or to reserve by phone, call 937-969-8851

Sutphen Corporation / 6450 Eiterman Road / Dublin, Ohio 43016

Please note cancellation without 10 days prior notice will result in a \$250 fee. Also, please fill out one registration form per attendee. Hands on training will be held outdoors, please dress accordingly to the weather forecast.





EVT EXAM PREP COURSE REGISTRATION FORM

Name:		202	23 TRAINING
			F1 & F3) Jan 9-13
	Class 2 (Class 2 (F4) Feb 13-16	
Company or Fire Department:			F2 & F6) Apr 10-14
Address:			F5)Jul 10-13 F8 & FA4) Oct 2-6
		Class 6 (F7) Oct 9-11
City:	State:		
Zip Code:	Phone Number:		
Email:	Email your completed for Janelle.Kizer@sutphencorp		•
Course Name	Date	Cost	Total
EVT Exam Prep Class		\$600	
Payment must be made in full prior to the date of training to	reserve your seat. Payment due date is 30 days prior to	class start date.	
PAYMENT METHOD:			
MasterCard or Visa			
	Exp. Date:	Security Code:	
	Signature		
Billing Address:			
Check:			
	utphen Corporation, reference "Train	nina Class" and mail to	
Sutphen Corporation / 6450 Eitermo			
To check training	availability or to reserve by pho	ne, call 937-969-885	51

Please note cancellation without 10 days prior notice will result in a \$250 fee. Also, please fill out one registration form per attendee. Hands on training will be held

outdoors, please dress accordingly to the weather forecast.

EVT Certification Commission, Inc. Exam Registration / EVT Invoice Have you ever registered for an EVT Certification exam before? Yes XXX-XX -Work Phone Last 4 Digits of Social Security # cell or home phone First Name MI Last Name Mailing Address State Zip or Postal Code City Email address: Confirmation will be emailed within 3 business days Date of Birth **Employer Name:** Sex: Male Female Education: yrs DATE OF EXAM: 21 Day Advance Registration Required TEST SITE # CITY go to www.evtcc.org for list of sites and dates Blacken the square for exam- a maximum of 2 regular exams or 6 re-certification exams or a combo of 1 reg & 3 recerts may be taken. *Note: Re-certification exams are for technicians whose certification is expiring. EVT Certification reserves the right to affirm to interested parties the areas in which Regular Re-certification* a technician is EVT Certified. \$60.00 \$35.00 Fire Apparatus Exams Fees: Number of: F-1 Maintenance, Inspection, & Testing \Box П F2 F-2 Design & Performance Regular exams: X \$60.00 = \$F3 F-3 Fire Pumps & Accessories F-4 Electrical Systems Re-certification exams: X \$35.00 = \$ FA-4 Advanced Electrical Systems FA4 to certify in FA-4 you must certify in F4 or E2 Total Amount Due = \$ F5 F-5 Aerial Fire Apparatus Payment by check credit card F6 F-6 Allison Automatic Transmission F-7 Foam Systems Credit Card # F8 П F-8 Hydraulic Systems П **Expiration Date** GL **GL** Ground Ladder Testing **DO1 DO1 Driver Operator Inspection** Cardholder Name **Ambulance Exams** E₀ П П E-0 Maintenance, Inspection & Testing Cardholder address and postal code-if different from applicant E1 E-1 Design & Performance F2 П E-2 Electrical Systems Cardholder email E-3 HVAC **E3** П Signature of cardholder: E4 E-4 Cab, Chassis & Powertrain Airport Rescue & Firefighting Vehicle Exams You will receive a Confirmation Letter and Reference/Objective list within three A-1 Design & Performance Α1 П business days by email. You must have the confirmation letter to be admitted to the exam, along with A-2 Chassis & Components A2 PICTURE ID.

Send to EVT Certification Commission, Inc. PO Box 894, Dundee, IL 60118 or FAX: 847- 426-4076

or REGISTER ON-LINE at www.evtcc.org

April 16, 2021 phone: 847-426-4075 email: evtcert@evtcc.org

A-3 Extinguishment Systems

to certify in M-2 you must certify in M1

L-1 Law Enforcement Vehicle Installation

Management Level I Supervisor

Management Level II Supervisor

П

L1

M1



Since 1890, Sutphen has pursued the mission to build the safest, most reliable, fire apparatus in the world through innovation and customer focus.

We provide our customers training opportunities so that they can maintain and service their piece of Sutphen heritage.

With our company's core values as our foundation, we put forth these classes with innovation, integrity, teamwork, respect, quality and accountability as our top priorities.

Strong. Stable. Committed.