



FSESG 2012 TRAINING CATALOG

VACTOR[®]

A subsidiary of Federal Signal Corporation



ELGIN

A subsidiary of Federal Signal Corporation



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NOTICE!!!

We are changing the order and content of the classes this year. Elgin Sweeper Company and Vactor Manufacturing have been and continue to introduce new products. Therefore, it has become necessary to change the class structure for the Elgin products and separate the Vactor 2100 from the Vactor 2100 Plus classes. Please take note and be aware of these changes.

Elgin classes will be 3 days, the **first day will be for **operator training**, the **second and third days** will be focused on **technical and service training**.**

Vactor class structure will be as follows; **operator classes will be **three days** long and **mechanics** classes will be **four days in length**. Please take notice, the **Vactor 2100 Plus classes and the Vactor 2100 (2100 classic) will be separate**.**

We will not be able to accommodate mixed classes please make registration and travel arrangements with this in mind.

**Thank you
ESG Training**

INTRODUCTION

WELCOME

We are proud to introduce you to the 2012 ESG Training Catalog produced specifically to help customers achieve their business and personal goals. Comprehensive training programs have been developed to cover the varied mix of products produced by the companies in the Environmental Solutions Group of Federal Signal Corporation.

The different programs cover service, maintenance and operation of Vactor, Guzzler and Elgin products.

HOW TO REGISTER FOR TRAINING

To register, individuals can fill out the appropriate form included with this catalog and fax it to the company hosting the school, Elgin Sweeper Company or Vactor Manufacturing. If a translator will be needed advance notice is required.

Vactor schools contact: **Tammy Alberts** Phone: (847) 468-2371

Fax: (815) 673-1621

Elgin schools contact: **Jazmin Gongora** Phone: (847)-468-2361

Fax: (847) 622-7077

NOTICE!!!!

The Vactor 2100 Classic and the Vactor 2100 Plus Operator and Mechanics' courses have been separated.

2012 TRAINING CALENDAR BY MONTH

<u>DATE</u>	<u>SCHOOL</u>	<u>LOCATION</u>
Feb 13-15	Guzzler Classic Operator/Mechanics	Vactor
Feb 21-24	Vactor 2100 Plus Mechanics	Vactor
Feb 27-29	Vactor 2100 Plus Operators	Vactor
Apr 2-4	Vactor 2100 Plus Operators	Vactor
Apr 9-11	Pelican NP/NS Operator/Mechanics	Elgin
Apr 16-19	Vactor 2100 Plus Mechanics	Vactor
Apr 23-25	4M Road Wizard Operator/Mechanics	Elgin
April 30, May 1-2	Megawind Operator/Mechanics	Elgin
May 7-9	Crosswind Operator/Mechanics	Elgin
May 14-16	Whirlwind Operator/Mechanics	Elgin
May 21-23	HXX Operator/Mechanic	Vactor
Jun 4-6	Guzzler ACE Operator/Mechanic	Vactor
Jun 11-13	Vactor 2100 Classic Operators	Vactor
June 18-20	4M Broom Bear Operators/Mechanics	Elgin
June 25-28	Vactor 2100 Classic Mechanics	Vactor
Jul 17-19	4M Eagle Operator/Mechanics	Elgin
July 23-25	Pelican Waterless Operator/Mechanics	Elgin
Aug 6-8	Eagle Waterless Operator/Mechanics	Elgin
Aug 13-16	Vactor 2100 Plus Mechanics	Vactor
Aug 20-22	Vactor 2100 Plus Operators	Vactor
Aug 27-29	4M Road Wizard Operator/Mechanic	Elgin
Sep 4-6	Pelican NP/NS Operator/Mechanics	Elgin
Sep 10-12	Megawind	Elgin
Sep 17-19	Vactor 2100 Classic Operators	Vactor
Sep 24-26	Crosswind Operator/Mechanic	Elgin
Oct 1-4	Vactor 2100 Plus Mechanics	Vactor
Oct 8-10	Whirlwind Operator/Mechanic	Elgin
Oct 15-17	Vactor 2100 Plus Operators	Vactor
Oct 22-24	HXX Operator/Mechanics	Vactor
Oct 29-31/Nov 1	Vactor2100 Classic Mechanics	Vactor

JANUARY 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 New Years	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16 MLK Day	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13 Guzzler Classic Operators	14 Guzzler Classic Mechanics	15 Guzzler Classic Mechanics	16	17	18
19	20 President's Day	21 Vactor 2100 Plus Mechanics	22 Vactor 2100 Plus Mechanics	23 Vactor 2100 Plus Mechanics	24 Vactor 2100 Plus Mechanics	25
26	27 Vactor 2100 Plus Operators	28 Vactor 2100 Plus Operators	29 Leap Year Vactor 2100 Plus Operators			

MARCH 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5 Bruce Municipal Seminar Baraboo WI	6 Bruce Municipal Seminar Baraboo WI	7 Bruce Municipal Seminar Baraboo WI	8 Bruce Municipal Seminar Baraboo WI	9 Bruce Municipal Seminar Baraboo WI	10
11 Daylight Svgs	12 MacQueen Equip Seminar St. Paul MN	13 MacQueen Equip Seminar St. Paul MN	14 MacQueen Equip Seminar St. Paul MN	15 MacQueen Equip Seminar Duluth	16 MacQueen Equip Seminar Duluth	17 St. Patty's Day
18	19 Trans Iowa Equip Seminar Ankeny IA	20 Trans Iowa Equip Seminar Ankeny IA	21 Trans Iowa Equip Seminar Ankeny IA	22 NEP Seminar Lincoln NE	23 NEP Seminar Lincoln NE	24
25	26	27	28	29	30	31

APRIL 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Vactor 2100 Plus Operators	3 Vactor 2100 Plus Operators	4 Vactor 2100 Plus Operators	5	6	7
8 Easter	9 Pelican Operators	10 Pelican Mechanics	11 Pelican Mechanics	12	13	14
15	16 Vactor 2100 Plus Mechanics	17 Vactor 2100 Plus Mechanics	18 Vactor 2100 Plus Mechanics	19 Vactor 2100 Plus Mechanics	20	21
22 Earth Day	23 4M Road Wizard Operators	24 4M Road Wizard Mechanics	25 4M Road Wizard Mechanics	26	27	28
29	30 Megawind Operators	Megawind Mechanics	Megawind Mechanics			

MAY 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Megawind Operators	1 Megawind Mechanics	2 Megawind Mechanics	3	4	5
6	7 Crosswind Operator's	8 Crosswind Mechanics	9 Crosswind Mechanics	10	11	12
13 Mother's Day	14 Whirlwind Operators	15 Whirlwind Mechanics	16 Whirlwind Mechanics	17	18	19 Armed Forces Day
20	21 HXX Operator	22 HXX Mechanics	23 HXX Mechanics	24	25	26
27	28 Memorial Day	29	30	31		

JUNE 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4 Guzzler Classic Operators	5 Guzzler Classic Mechanics	6 Guzzler Classic Mechanics	7	8	9
10	11 Vector 2100 Classic Operators	12 Vector 2100 Classic Operators	13 Vector 2100 Classic Operators	14 Flag Day	15	16
17 Father's Day	18 4M Broom Bear Operators	19 4M Broom Bear Mechanics	20 4M Broom Bear Mechanics	21	22	23
24	25 Vector 2100 Classic Mechanics	26 Vector 2100 Classic Mechanics	27 Vector 2100 Classic Mechanics	28 Vector 2100 Classic Mechanics	29	30

JULY 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4 Independence Day	5	6	7
8	9	10	11	12	13	14
15	16	17 4M Eagle Operators	18 4M Eagle Mechanics	19 4M Eagle Mechanics	20	21
22	23 Pelican Waterless Operators	24 Pelican Waterless Mechanics	25 Pelican Waterless Mechanics	26	27	28
29	30	31				

AUGUST 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6 Eagle Waterless Operator	7 Eagle Waterless Mechanics	8 Eagle Waterless Mechanics	9	10	11
12	13 Vactor 2100 Plus Mechanics	14 Vactor 2100 Plus Mechanics	15 Vactor 2100 Plus Mechanics	16 Vactor 2100 Plus Mechanics	17	18
19	20 Vactor 2100 Plus Operators	21 Vactor 2100 Plus Operators	22 Vactor 2100 Plus Operators	23	24	25
26	27 4M Road Wizard Operators	28 4M Road Wizard Operators	29 4M Road Wizard Operators	30	31	

SEPTEMBER 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 Labor Day	4 Pelican NP/NS Operator	5 Pelican NP/NS Mechanics	6 Pelican NP/NS Mechanics	7	8
9	10 Megawind Operators	11 Megawind Mechanics	12 Megawind Mechanics	13	14	15
16	17 Vactor 2100 Classic Operator	18 Vactor 2100 Classic Operator	19 Vactor 2100 Classic Operator	20	21	22
23	24 Crosswind Operator's	25 Crosswind Mechanics	26 Crosswind Mechanics	27	28	29
30						

OCTOBER 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Vactor 2100 Plus Mechanics	2 Vactor 2100 Plus Mechanics	3 Vactor 2100 Plus Mechanics	4 Vactor 2100 Plus Mechanics	5	6
7	8 Columbus Day Whirlwind Operators	9 Whirlwind Mechanic	10 Whirlwind Mechanic	11	12	13
14	15 Vactor 2100 Plus Operators	16 Vactor 2100 Plus Operators	17 Vactor 2100 Plus Operators	18	19	20
21	22 HXX Operator	23 HXX Mechanics	24 HXX Mechanics	25	26	27
28	29 Vactor 2100 Classic Mechanics	30 Vactor 2100 Classic Mechanics	31 Halloween Vactor 2100 Classic Mechanics	Vactor 2100 Classic Mechanics		

NOVEMBER 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Vector 2100 Classic Mechanics	Vector 2100 Classic Mechanics	Vector 2100 Classic Mechanics	1 Vector 2100 Classic Mechanics	2	3
4	5	6	7	8	9	10
11 Veteran's Day	12	13	14	15	16	17
18	19	20	21	22 Thanksgiving	23	24
25	26	27	28	29	30	

DECEMBER 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25 Christmas	26	27	28	29
30	31 New Year's Eve					

= Crosswind (RED) = Road Wizard 4 Wheel (BROWN) = Vactor 2100 Plus Mechanics (LIGHT PURPLE)
= Vactor 2100 Plus Operators (LIGHT BLUE) = Whirlwind (BURGUNDY) = Pelican NP & NS (GREEN)
= Vactor 2100 Classic and 2100 Classic Operators (BLACK) = Megawind (DK PURPLE) = Broom Bear (GOLD)
= Guzzler (VIOLET) = HXX (LIME GREEN) = Eagle (ROYAL BLUE)

Vactor 2100 Classic OPERATORS

Who Should Attend: New operator or experienced operator unfamiliar with Vactor products.

Objective: Attendees will acquire knowledge, both practical and theoretical, concerning the safe operation, basic maintenance and limited troubleshooting of the various areas of the Vactor 2100 Classics. This includes different nozzles and their usage, water pump, boom, vacuum systems, proper man-hole set up, dumping procedure, accessories, winterization, and pre-trip inspection. Material will be presented from an operator's perspective with an emphasis on proper procedures and safety. A basic overview of mechanical systems will also be discussed.

Methods: We will use a combination of Power Point slides, videos, manuals and hand on. Attendees will operate a Vactor in simulated sewers under the close supervision of the instructor.

Course Length: This is a 3-day course. (8:30 - 4:00). Class size is limited to 12 people.

Dress: Casual work clothes and safety toe shoes, no shorts. If safety toe shoes are not available to the individual, shoe covers will be provided.

Prerequisite: None. We welcome all current operators or mechanics whether new or experienced. We also encourage supervisors to attend.

Cost: \$700: This includes lunch each day, refreshments in the class room and all training material. Note: If a customer has purchased a new Vactor unit, they may send one (1) person to this school at no charge. This person must be signed up for class within one (1) year of receipt of their new unit.

Dates: June 11-13, Sept 17-19

Class goes to 4:00 on the last day.

Location: Vactor Manufacturing Training Center
1621 S. Illinois Street
Streator, IL 61364

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

Vactor 2100 Classic MECHANICS

Who Should Attend: New or experienced mechanics unfamiliar with Vactor products.

Objective: Attendees will acquire knowledge, both practical and theoretical, concerning the safe operation, basic maintenance and basic troubleshooting of the various areas of the Vactor 2100 Classic. This includes different nozzles and their usage, water pump, boom, vacuum systems, proper man-hole set up, dumping procedure, accessories, winterization, and pre-trip inspection. Material will be presented from an operator's perspective with an emphasis on proper procedures and safety. A basic overview of mechanical systems will also be discussed.

Methods: We will use a combination of Power Point slides, videos, manuals and hand on. Attendees will operate a Vactor in simulated sewers under the close supervision of the instructor.

Course Length: This is a 4-day course. (8:30 - 4:00). Class size is limited to 12 people.

Dress: Casual work clothes and safety toe shoes, no shorts. If safety toe shoes are not available to the individual, shoe covers will be provided.

Prerequisite: None. We welcome all current operators or mechanics whether new or experienced. We also encourage supervisors to attend.

Cost: \$850 This includes lunch each day, refreshments in the class room and all training material.

Note: If a customer has purchased a new Vactor unit, they can send one (1) person to this school for an up charge of \$150. This person must be signed up for class within one (1) year of receipt of his/her new unit.

Dates: June 25-28, Oct 29-31 & Nov 1

Class goes to 4:00 on the last day.

Location: Vactor Manufacturing Training Center

1621 S. Illinois Street

Streator, IL 61364

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

Vactor 2100 Plus OPERATORS

Who Should Attend: New operator or experienced operator unfamiliar with Vactor products.

Objective: Attendees will acquire knowledge, both practical and theoretical, concerning the safe operation, basic maintenance and limited troubleshooting of the various areas of the Vactor 2100 Plus. This includes different nozzles and their usage, water pump, boom, vacuum systems, proper man-hole set up, dumping procedure, accessories, winterization, and pre-trip inspection. Material will be presented from an operator's perspective with an emphasis on proper procedures and safety. A basic overview of mechanical systems will also be discussed.

Methods: We will use a combination of Power Point slides, videos, manuals and hand on. Attendees will operate a Vactor in simulated sewers under the close supervision of the instructor.

Course Length: This is a 3-day course. (8:30 - 4:00). Class size is limited to 12 people.

Dress: Casual work clothes and safety toe shoes, no shorts. If safety toe shoes are not available to the individual, shoe covers will be provided.

Prerequisite: None. We welcome all current operators or mechanics whether new or experienced. We also encourage supervisors to attend.

Cost: \$700: This includes lunch each day, refreshments in the class room and all training material. Note: If a customer has purchased a new Vactor unit, they may send one (1) person to this school at no charge. This person must be signed up for class within one (1) year of receipt of their new unit.

Dates: Feb 27-29, Apr 2-4, Aug 20-22, Oct 15-17.

Class goes to 4:00 on the last day.

Location: Vactor Manufacturing Training Center
1621 S. Illinois Street
Streator, IL 61364

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

VACTOR 2100 Plus MECHANICS

Who Should Attend: This class is designed for the Vactor mechanic.

Objective: Attendees will acquire knowledge through actual hands-on learning of the various components of the Vactor unit. They will be taught how to tear down and rebuild rod pumps, transfer cases, transmissions, fluid couplers, clutches, fan systems and electrical components. They will be taught how to read Vactor schematics. Instructors may vary and can include Vactor and manufacturer reps. We will incorporate a basic overview of the different systems on the 2100 Plus and cover maintenance, troubleshooting, and repair as well.

Methods: Instructional time will be divided between theory (classroom) and practical (hands-on). Enrollment is limited to 12 people to allow for more individual hands-on experience.

Course Length: This is a 4-day course. (8:30 - 4:00).

Dress: Casual work clothes and safety toe shoes, no shorts. Safety shoes are required in the lab area. If safety toe shoes are not available to the individual, shoe covers will be provided.

Prerequisite: None

Cost: \$850: This includes lunch each day, refreshments in the classroom and all training materials.

Note: If a customer has purchased a new Vactor unit, they can send one (1) person to this school at a cost of \$150.00, instead of the \$850 charge.

This person must be signed up for class within one (1) year of receipt of his/her new unit. The person does not need to complete the class within 6 months, but must be signed up to take a class.

Dates: Feb 21-24 (Tues to Friday), Apr 16-19, Aug 13-16, Oct 8-11.

Class goes to 4:00 on the last day.

Location: Vactor Manufacturing Training Center

1621 S. Illinois Street

Streator, IL 61364

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

GUZZLER Classic

Who Should Attend: This class is designed for the Guzzler maintenance personnel.

Objective: The first day of class will be for operators. Attendees will learn practical and theory, concerning the safe maintenance and basic troubleshooting and safety issues of the various areas of the Guzzler product. Topics to be discussed include the blower, accessories, hoses, vacuum technology, filtration system, vacuum system, proper dumping, from the basic operation to general maintenance and repair all from the owner/operator perspective.

Methods: We will use a combination of Power Point slides, videos, manuals and hand on.

Course Length: This is a 3-day course. (8:30 - 4:00). Class size is limited to 12 people.

The first day of class is for operators, they need not attend the mechanics section.

Dress: Casual work clothes and safety toe shoes, no shorts. If safety toe shoes are not available to the individual, shoe covers will be provided.

Prerequisite: None. We welcome all current owners, operators and maintenance personnel. We also encourage supervisors to attend.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 Combined: This includes lunch each day, refreshments in class and all training materials.

Note: If a customer has purchased a new Guzzler unit, they can send one person to school at no charge. This person must be signed up for a class within 1 year of receipt of their unit. The person does not need to complete the class within 1 year, but must be signed up to take a class.

Dates: Feb 13-15 (Monday Operator, Tuesday and Wednesday Mechanics)

Class goes to 4:00 on the last day.

Location: Vactor Manufacturing Training Center
1621 S. Illinois Street
Streator, IL 61364

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

HYDRO EXCAVATOR (HXX)

Who Should Attend: This class is designed for the HXX maintenance personnel.

Objective: The first day of class will be for operators. Attendees will learn practical and theoretical knowledge, concerning the safe maintenance, troubleshooting and safety issues of the various areas of the HXX unit.

Topics to be discussed include the high pressure water pump, hoses, water heater, water blast safety, vacuum system, boom, electrical and hydraulic systems, proper dumping, from the basic operation to general maintenance and repair all from the owner/operator perspective.

Methods: We will use a combination of Power Point slides, videos, manuals and hand on.

Course Length: This is a 3-day course w/ the first day for operators. (8:30 - 4:00).

Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes and safety toe shoes, no shorts. If safety toe shoes are not available to the individual, shoe covers will be provided.

Prerequisite: None. We welcome all current owners, operators and maintenance personnel. We also encourage supervisors to attend.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 (combined): This includes lunch each day, refreshments in class and all training materials.

Note: If a customer has purchased a new HXX unit, they can send one person to school at no charge. This person must be signed up for a class within 1 year of receipt of their new unit. The person does not need to complete the class within 1 year, but must be signed up to take a class.

Dates: Apr 21 (Operator) Apr 22-23 (Tues thru Wed Mechanics), Oct 22 (Operator) Oct 23 thru 24 (Mechanics)

Class goes to 4:00 on the last day.

Location: Vactor Manufacturing Training Center

1621 S. Illinois Street

Streator, IL. 61364

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

ELGIN 4M EAGLE

Who Should Attend: This class is designed for new or experienced Elgin Eagle mechanics or maintenance personnel.

Objective: The first day of class is for operators, they need not attend the mechanics section. Attendees will learn the principals of mechanical operations of the Elgin Eagle. They will get an understanding of the individual components that make up the various electrical, pneumatic and hydraulic systems in use and how to troubleshoot them. We will be discussing the different areas such as brooms, how to set different pressures. conveyor systems, normal maintenance, water systems, dumping procedures, etc., all from a mechanical point of view. What to look for! Time saving information.

Methods: We will use a combination of Power Point slides, videos, manuals and hands on. Each class is 3 days with an extensive amount of material to cover.

Course Length: This is a three (3) day course. (8:30-4:00) Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes, safety toe shoes (if available).

Prerequisite: None. We welcome all those who whether daily or only from time to time must troubleshoot and repair the Elgin Eagle Sweeper.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): This includes lunch each day, refreshments in the classroom and all training material. Note: If a customer has purchased a new Eagle unit, they can send one (1) person to school at no charge. This person must be signed up for the class within six (6) months of receipt of his new unit. The person does not need to complete the class within 6 months but they must be signed up to take a class.

Date: July 17 (Operators) July 18-19 (Mechanics)

Class goes to 4:00 on the last day.

*If you have a **Waterless Eagle** you should sign up for the August 6-8.*

Location: Elgin Sweeper Co.

1300 W. Bartlett Road

Elgin, IL 60120

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

ELGIN PELICAN NP/NS

Who Should Attend: This class is designed for new or experienced Pelican NP or NS mechanics or maintenance personnel.

Objective: The first day of class will be for operators, mechanics need not attend. Attendees will learn the principals of mechanical operation of the Pelican NP or NS. They will get an understanding of the individual components that make up the various electrical, pneumatic and hydraulic systems in use and how to troubleshoot them. We will be discussing the different areas such as brooms, how to set different pressures, conveyor systems, normal maintenance, water systems, dumping procedures, hydrostatic drive, etc., all from a mechanical point of view. What to look for! Time saving information.

Methods: We will use a combination of Power Point slides, videos, manuals and hands on. Each class is 3 days with an extensive amount of material to cover.

Course Length: This is a three (3) day course (8:30-4:00). Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes, safety toe shoes (if available).

Prerequisite: None. We welcome all those who whether daily or only from time to time must troubleshoot and repair the Pelican NP or NS Sweeper.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): This includes lunch each day, refreshments in the classroom and all training material. Note: If a customer has purchased a new Pelican NP or NS, he/she can send one (1) person to school at no charge. This person must be signed up for the class within six (6) months of receipt of his new unit. The person does not need to complete the class within 6 months but they must be signed up to take a class.

Dates: Apr 9 (Operators) Apr 10-11 (Mechanics), Sept 4 (Operators), Sept 5-6 (Mechanics)
Class goes to 4:30 on the last day.

*If you have a Waterless Pelican you should sign up for the July 23-25 session.

Location: Elgin Sweeper Co.

1300 W. Bartlett Road

Elgin, IL 60120

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

ELGIN PELICAN NP WATERLESS

Who Should Attend: This class is designed for new or experienced Pelican NP WATERLESS mechanics or maintenance personnel.

Objective: The first day of class will be for operators, mechanics need not attend. Attendees will learn the principals of mechanical operation of the Pelican NP WATERLESS. They will get an understanding of the individual components that make up the various electrical, pneumatic and hydraulic systems in use and how to troubleshoot them. We will be discussing the different areas such as brooms, how to set different pressures, conveyor systems, normal maintenance, water systems, dumping procedures, hydrostatic drive, etc., all from a mechanical point of view. What to look for! Time saving information.

Methods: We will use a combination of Power Point slides, videos, manuals and hands on. Each class is 3 days with an extensive amount of material to cover.

Course Length: This is a three (3) day course (8:30-4:00). Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes, safety toe shoes (if available).

Prerequisite: None. We welcome all those who whether daily or only from time to time must troubleshoot and repair the Pelican NP WATERLESS Sweeper.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): This includes lunch each day, refreshments in the classroom and all training material. Note: If a customer has purchased a new Pelican NP or NS, he/she can send one (1) person to school at no charge. This person must be signed up for the class within six (6) months of receipt of his new unit. The person does not need to complete the class within 6 months but they must be signed up to take a class.

Dates: July 23 (Operators), July 24-25 (Mechanics)

Class goes to 4:30 on the last day.

Location: Elgin Sweeper Co.

1300 W. Bartlett Road

Elgin, IL 60120

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

ELGIN BROOM BEAR

Who Should Attend: This class is designed for the new or experienced Elgin Broom Bear mechanic or maintenance personnel.

Objective: The first day of class is for the operators, they need not attend the mechanics section. Attendees will learn the principals of mechanical operation of the Broom Bear. They will get an understanding of the individual components that make up the various electrical, pneumatic and hydraulic systems in use and how to troubleshoot them. We will be discussing the different areas such as brooms, how to set different pressures, conveyor systems, normal maintenance, water systems, dumping procedures, etc., all from a mechanical point of view. What to look for! Time saving information.

Methods: We will use a combination of Power Point slides, videos, manuals and hands on. Each class is 3 days with an extensive amount of material to cover.

Course Length: This is a three (3) day course (8:30-4:00). Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes, safety toe shoes (if available).

Prerequisite: None. We welcome all, whether it is daily or only from time to time must troubleshoot and repair the Elgin Broom Bear Sweeper.

Cost:: This in \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): includes lunch each day, refreshments in the classroom and all training material. Note: If a customer has purchased a new Broom Bear unit, he/she can send one (1) person to school at no charge. This person must be signed up for the class within six (6) months of receipt of his new unit. The person does not need to complete the class within 6 months but they must be signed up to take a class.

Date: June 18 (Operators) June 19-20 (Mechanics)

Class goes to 4:00 on the last day.

Location: Elgin Sweeper Co.

1300 W. Bartlett Road

Elgin, IL 60120

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

ELGIN 4M ROAD WIZARD

Who Should Attend: This class is designed for the new or experienced Elgin 4 Wheel Mechanical service or maintenance personnel.

Objective: The first day of class is for operators, they need not attend the mechanics session. Attendees will learn the principals of mechanical operation of the 4 Wheel Mechanical units. They will get an understanding of the individual components that make up the various electrical, pneumatic and hydraulic systems in use. We will be discussing the different areas such as brooms, adjustment and replacement. How to set different pressures, conveyor systems, normal maintenance, water systems, dumping procedures, winterizing, accessories, etc., all from a mechanical point of view. How to troubleshoot the different systems.

Methods: We will use a combination of Power Point slides, videos, manuals and hands on. Each class is 3 days with an extensive amount of material to cover.

Course Length: This is a three (3) day course (8:30-4:30). Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes, safety toe shoes (if available).

Prerequisite: None. We welcome all those who whether daily or only from time to time must troubleshoot and repair the 4 Wheel Mechanical Sweeper.

Cost: \$\$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): This includes lunch each day, refreshments in the classroom and all training material. Note: If a customer has purchased a new 4 Wheel Mechanical unit, he/she can send one (1) person to school at no charge. This person must be signed up for the class within six (6) months of receipt of his new unit. The person does not need to complete the class within 6 months but they must be signed up to take the class.

Date: Apr 23 (Operators), Apr 24-25 (Mechanics), Aug 27 (Operators) Aug 28-29 (Mechanics)
Class goes to 4:00 on the last day.

Location: Elgin Sweeper Co.
1300 W. Bartlett Road
Elgin, IL 60120

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

ELGIN CROSSWIND

Who Should Attend: This class is designed for the new or experienced Elgin Crosswind mechanic or maintenance personnel.

Objective: The first day of class is for operators, they need not attend the mechanics session. Attendees will learn the principals of mechanical operation of the Elgin Crosswind unit. They will get an understanding of the individual components that make up the various electrical, pneumatic and hydraulic systems in use and how to troubleshoot them. We will be discussing the different areas such as brooms, how to set different pressures, normal maintenance, vacuum systems, water systems, dumping procedures, etc., all from a mechanical point of view. What to look for! Time saving information.

Methods: We will use a combination of Power Point slides, videos, manuals and hands on. Each class is 3 days with an extensive amount of material to cover.

Course Length: This is a three (3) day course (8:30-4:00). Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes, safety toe shoes (if available).

Prerequisite: None. We welcome all those who whether daily or only from time to time must troubleshoot and repair the Elgin Crosswind Sweeper.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): This includes lunch each day, refreshments in the classroom and all training material. Note: If a customer has purchased a new Crosswind unit, he/she can send one (1) person to school at no charge. This person must be signed up for the class within six (6) months of receipt of his/her new unit. The person does not need to complete the class within 6 months, but they must be signed up to take a class.

Date: May 7 (Operators) May 8-9 (Mechanics), Sept 24 (Operators) Sept 25-26 (Mechanics)
Class goes to 4:00 on the last day.

Location: Elgin Sweeper Co.
1300 W. Bartlett Road
Elgin, IL 60120

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

ELGIN MEGAWIND

Who Should Attend: This class is designed for the new or experienced Megawind mechanic or maintenance personnel.

Objective: The first day of class will be for the operators, they need not attend the mechanics session. Attendees will learn the principals of mechanical operation of the Megawind. They will get an understanding of the individual components that make up the various electrical, pneumatic and hydraulic systems in use. We will be discussing the different areas such as brooms, how to set different pressures, suction nozzles, normal maintenance, vacuum systems, normal maintenance, water systems, dumping procedures, etc., all from a mechanical point of view. How to troubleshoot the different systems. What to look for! Time saving information.

Methods: We will use a combination of Power Point slides, videos, manuals and hands on. Each class is 3 days with an extensive amount of material to cover.

Course Length: This is a three (3) day course (8:30-4:00). Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes, safety toe shoes (if available).

Prerequisite: None. We welcome all those who whether daily or only from time to time must troubleshoot and repair the Elgin Megawind Sweeper.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): This includes lunch each day, refreshments in the classroom and all training material. Note: If a customer has purchased a new Megawind unit, he/she can send one (1) person to school at no charge. This person must be signed up for the class within six (6) months of receipt of his/her new unit. The person does not need to complete the class within 6 months, but they must be signed up to take a class.

Date: Apr 30 (Operators) May 1-2 (Mechanics), Sept 10 (Operators) Sept 11-12 (Mechanics).

Class goes to 4:00 on the last day.

Location: Elgin Sweeper Co.

1300 W. Bartlett Road

Elgin, IL 60120

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

ELGIN WHIRLWIND

Who Should Attend: This class is designed for the new or experienced Elgin Whirlwind mechanic or maintenance personnel.

Objective: The first day of class is for operators, they need not attend the mechanics section. Attendees will learn the principals of mechanical operation of the Whirlwind MV. They will get an understanding of the individual components that make up the various electrical, pneumatic and hydraulic systems and how to troubleshoot and repair them. We will be discussing the different areas such as brooms, how to set different pressures, normal maintenance, vacuum systems, water systems, dumping procedures, etc., all from a mechanical point of view. What to look for!

Methods: We will use a combination of Power Point slides, videos, manuals and hands on. Each class is 3 days with an extensive amount of material to cover.

Course Length: This is a three (3) day course (8:30-4:00). Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes, safety toe shoes (if available).

Prerequisite: None. We welcome all those who whether daily or only from time to time must troubleshoot and repair the Elgin Whirlwind MV Sweeper.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): This includes lunch each day, refreshments in the classroom and all training material. Note: If a customer has purchased a new Whirlwind MV unit, he/she can send one (1) person to school at no charge. This person must be signed up for the class within six (6) months of receipt of his/her new unit. The person does not need to complete the class within six (6) months, but they must be signed up to take a class.

Date: May 14 (Operators) May 15-16 (Mechanics), Oct 1 (Operators) Oct 2-3 (Mechanics)
Class goes to 4:00 on the last day.

Location: Elgin Sweeper Co.

1300 W. Bartlett Road

Elgin, IL 60120

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

ELGIN EAGLE WATERLESS

Who Should Attend: This class is designed for new or experienced Elgin Eagle WATERLESS mechanics or maintenance personnel.

Objective: The first day of class is for operators, they need not attend the mechanics section. Attendees will learn the principals of mechanical operations of the Elgin Eagle WATERLESS. They will get an understanding of the individual components that make up the various electrical, pneumatic and hydraulic systems in use and how to troubleshoot them. We will be discussing the different areas such as brooms, how to set different pressures. conveyor systems, normal maintenance, water systems, dumping procedures, etc., all from a mechanical point of view. What to look for! Time saving information.

Methods: We will use a combination of Power Point slides, videos, manuals and hands on. Each class is 3 days with an extensive amount of material to cover.

Course Length: This is a three (3) day course. (8:30-4:00) Class size is limited to 12 people. *The first day of class is for operators, they need not attend the mechanics section.*

Dress: Casual work clothes, safety toe shoes (if available).

Prerequisite: None. We welcome all those who whether daily or only from time to time must troubleshoot and repair the Elgin Eagle Sweeper.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): This includes lunch each day, refreshments in the classroom and all training material. Note: If a customer has purchased a new Eagle unit, they can send one (1) person to school at no charge. This person must be signed up for the class within six (6) months of receipt of his new unit. The person does not need to complete the class within 6 months but they must be signed up to take a class.

Date: Aug 6 (Operators) Aug 7-8 (Mechanics)

Class goes to 4:00 on the last day.

Location: Elgin Sweeper Co.

1300 W. Bartlett Road

Elgin, IL 60120

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

GUZZLER ACE

Who Should Attend: This class is designed for the Guzzler ACE maintenance personnel.

Objective: The first day of class will be for operators. Attendees will learn practical and theory, concerning the safe maintenance and basic troubleshooting and safety issues of the various areas of the Guzzler product. Topics to be discussed include the blower, accessories, hoses, vacuum technology, filtration system, vacuum system, proper dumping, from the basic operation to general maintenance and repair all from the owner/operator perspective.

Methods: We will use a combination of Power Point slides, videos, manuals and hand on.

Course Length: This is a 2-day course. (8:30 - 4:00). Class size is limited to 12 people.

The first day of class is for operators, they need not attend the mechanics section.

Dress: Casual work clothes and safety toe shoes, no shorts. If safety toe shoes are not available to the individual, shoe covers will be provided.

Prerequisite: None. We welcome all current owners, operators and maintenance personnel. We also encourage supervisors to attend.

Cost: \$300 one day (Operator)/\$600 two day (Mechanic)/ \$700 three day (combined): This includes lunch each day, refreshments in class and all training materials.

Note: If a customer has purchased a new Guzzler unit, he/she can send one person to school at no charge. This person must be signed up for a class within 6 months of receipt of his/her unit. The person does not need to complete the class within 6 months, but must be signed up to take a class.

Dates: June 4 (Operator), June 5-6 (Mechanics)

Class goes to 4:00 on the last day.

Location: Vactor Manufacturing Training Center
1621 S. Illinois Street
Streator, IL 61364

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

REQUEST FOR FIELD TRAINING

Field training is available for dealers or customers (end users) on any Vactor, Guzzler or Elgin product. Operator training or mechanics training or a combination of operator/maintenance training is available.

The cost for field training is the same regardless of product and is ***\$1,000 per training day, plus expenses.*** Expenses include; airfare or mileage, hotel, car rental, meals, etc. This can be done at any location agreed to.

The dealer or customer must fill out and sign a Request for Field Training form. The completed form must be turned in to your local dealer, who will in turn contact the Regional Service & Parts Manager (RSPM). Please allow at least ninety (90) days from the date of contact for training completion.

Person requesting school(s): Date of request:

Type of school(s): Mechanics Operators Preferred Start Date:

RSM Name: _____

How many days of training? Model(s): _____

Requested training dates: _____ Please contact Jimmy Broyles for available dates before filling in this space. 815-673-6081 or 312-231-0732

Attendees per model: _____

Local Host Information

Company Name: _____

Phone: _____

Contact for preparations: _____ Fax: _____

Hosts Responsibility

- Obtain approved school start and completion dates from RSPM
- Coordinate all matters concerning the attendance of the people being trained.
- Provide adequate meeting space for presentations using screen including writing space for each attendee, as agreed upon with RSPM.
- Have a unit on hand at training site for walk-a-round training sessions (optional).
- Provide presentation equipment (video, projector, slide, overhead, flip chart). Type of equipment to be specified by RSPM.
- Ensure meeting room is setup and maintained for duration of meeting.
- Provide all refreshments and/or meals for attendees.
- Provide sign in sheets of all attendees.
- Purchase or print and assemble training manuals for all attendees using copy masters provided by RSPM (optional)

TRAINERS RESPONSIBILITY

- Provide presentation materials for video, projector, slide, and/or overhead presentation
- Provide copy master for creation of training manuals for each attendee. (Copy materials are to be sent to dealer contact at least two weeks before school).

SCHOOLS MUST BE CONFIRMED BY THE RECEIVING OF THIS SIGNED FORM BY YOUR RSPM, AT LEAST NINETY (90) DAYS PRIOR TO THE TRAINING STARTING DATE.

Vactor Service Seminar

Reservation Form

Course Name: _____ Course Date: _____

IF FILLING IN BY HAND, PLEASE PRINT ALL ENTRIES.

Contact for Reservation Revisions: _____ Phone #: _____

Email: _____ Fax: _____

Students:

Technician's Name: _____

Technician's Name: _____

Technician's Name: _____

Employer's Name: _____

Employer's Address: _____

City: _____ State: _____ Zip: _____

Sponsoring ESG Dealer Name: _____

If you are entitled to free class(s) as part of your purchase agreement, please insert unit serial number(s) here>>> (OTHERWISE YOU WILL BE INVOICED FOR THE CLASS(ES) SELECTED) _____

NOTE: Reservations will be guaranteed upon your receiving confirmation from us. We will not confirm reservations without the name of the enrollee. Please remit \$600 for a 2-day course, \$700 for a 3 day course, and \$850 for a 4-day course (or \$150 if replacing the Operator course with the Mechanics course immediately to: **VECTOR MFG**. Indicate on the check stub that the payment is for: "TRAINING CLASSES". Cancellations must be made at least two weeks prior to the beginning of the school. Please let us know if a translator will be required (at your expense).

After completion, print this form and Fax or Mail to:
(For classes at Vactor Mfg.) Vactor Mfg.

1621 S. Illinois St.

Streator, IL. 61364

Attn: Tammy Alberts

Please send a copy to your dealer if you are an End-User

Note: All classes go until 4:00 on the last day. Please make travel arrangement accordingly.

The Vactor Facility is approximately 2 hours from O' Hare and Midway airports. The Vactor Facility is only about 1 hour from the Bloomington IL. Airport.

Any questions or concerns can be addressed to: **Tammy Alberts** Ph: (847) 468-2371

talberts@vactor.com Fax: (815) 673-1621

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.

Elgin Service Seminar

Reservation Form

Course Name: _____ Course Date: _____

IF FILLING IN BY HAND, PLEASE PRINT ALL ENTRIES.

Contact for Reservation Revisions: _____ Phone #: _____

Email: _____ Fax: _____

Students:

Technician's Name: _____

Technician's Name: _____

Technician's Name: _____

Employer's Name: _____

Employer's Address: _____

City: _____ State: _____ Zip: _____

Sponsoring ESG Dealer Name: _____

If you are entitled to free class(s) as part of your purchase agreement, please insert unit serial number(s) here>>> (OTHERWISE YOU WILL BE INVOICED FOR THE CLASS(S) SELECTED) _____

NOTE: Reservations will be guaranteed upon your receiving confirmation from us. We will not confirm reservations without the name of the enrollee. Please remit \$600 for a 2-day, or \$700 for a 3-day course immediately to: **Elgin Sweeper Company**

Indicate on the check stub that the payment is for: "TRAINING CLASSES". Cancellations must be made at least two weeks prior to the beginning of the school. Please let us know if a translator will be required (at your expense).

After completion, print this form and Fax or Mail to:
(For classes at Elgin Sweeper Company.) Elgin Sweeper Company
1300 W. Bartlett Road
Elgin, IL. 60120
Attn: Jazmin Gongora

Please send a copy to your dealer if you are an End-User

Note: All classes go until 4:00 on the last day. Please make travel arrangement accordingly.

The Elgin Facility is approximately 1 hour from O' Hare Intl. Airport and 1 hour from Midway airport.

Any questions or concerns can be addressed to: **Jazmin Gongora** Ph: (847)-468-2361
jjongora@federalsignal.com Fax: (847) 622-7077

Note: ESG Training reserves the right to cancel classes 4 weeks prior to the start of class if there is insufficient enrollment. We will send out a notice and request for student enrollment before cancellation. It is recommended that you do not make travel arrangements until you have received this confirmation.