



Summer 2015

(Issue # 36)

Pennsylvania SFI Implementation Committee (SIC) Members

Ken Roberts, Chairman, Verso Corporation*
Chuck Coup, PA SIC Program Manager

Charlie Brown, Charles Brown Forestry
Keith Craig, PA HDC
Chuck Dibble, Jeld-Wen, Inc.
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Susan Stout, USDA Forest Service
Sue Swanson, AHUG
Barrett Wiggins, Deer Park Lumber Co.
David Williams, Georgia-Pacific, LLC*

* Denotes SFI® Certified Program Participant

Questions or comments regarding the PA SIC newsletter, contact:

Pennsylvania SFI® Implementation Committee

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Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

NEWS

Pennsylvania SFI Implementation Committee celebrates 20th Anniversary with World Record Tree-Planting Attempt

This year marks the 20th anniversary for the Pennsylvania SFI® Implementation Committee (SIC) and its work aimed at fostering an appreciation of forest conservation and sustainable management throughout the forest community in Pennsylvania. To celebrate this important milestone the Pennsylvania SIC enthusiastically engaged in an attempt to set the Guinness World Record for the most trees planted in 1 hour simultaneously by small groups. The record setting attempt was organized by the Sustainable Forestry Initiative Inc. (SFI).

"We could not think of a better way to celebrate this important milestone in our organization than to participate in this world-record tree planting attempt that brings global recognition to the importance of our forests while also helping to ensure their future," said Chuck Coup, program manager with the Pennsylvania SIC.

The attempt took place on May 20th from 1:00 to 2:00 pm EDT. The Pennsylvania SIC partnered with DCNR and established two teams of volunteer tree planters that joined 26 other teams across the United States and Canada in the attempt. Both teams were made up of forest industry representatives, DCNR workers, various conservation organizations, and a diverse group of young people.

"We are pleased to host these types of events, bring people onto the state forest system, and obviously for a good cause. Yes, we are trying to set the world record, but really we are here to plant some trees and create a new future forest," said Pennsylvania State Forester, Dan Devlin.

One team of 45 planters was organized in Centre County at a location south of Windburn on the Moshannon State Forest. The reclaimed site had been cleared for surface coal mining in the past and was used as a local landfill. Another team of 53 planters was organized on the Tuscarora State Forest in Perry County near Fowlers Hollow State Park. The clear-cut site was hard hit by past gypsy moth infestation

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Sustainable Forestry Initiative® (SFI®) Program

SFI Inc. (www.sfiprogram.org) is an independent non-profit organization that is solely responsible for the internationally recognized Sustainable Forestry Initiative (SFI) program. The program promotes sustainable forest management, improved forestry practices, and responsible purchasing of forest products through its forest certification standard.

SFI is the largest single forest certification standard in the world, with more than 250 million acres certified. The Pennsylvania SFI Implementation Committee (SIC) is one of 34 SICs spread across North America that responds to local needs and issues through the program at the state, provincial, or regional level. Committees promote the SFI forest standard as a means to broaden the practice of responsible forestry and achieve on-the-ground progress. Since 1995, the Pennsylvania SIC has worked with local conservation groups, government agencies, forestry and professional associations, landowner groups, and many others in providing leadership and sharing best practices to improve forest management on both certified and uncertified lands.

Certified SFI® Program Participants Supporting the PA SIC

These companies participate in the SFI® Program and are certified to be in conformance with the SFI 2015-2020 Standard. They provide direct involvement and financial support to the PA SFI® Implementation Committee (SIC).

Domtar Paper Co., LLC

Forest Investment Associates

Georgia-Pacific, LLC

Glatfelter

Hancock Forest Management

Molpus Timberlands Mgmt., LLC

Verso Corporation

Weaber, Inc.

Weyerhaeuser

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CONTINUED FROM COVER STORY

and targeted for spruce and white pine planting. Eight thousand white pine and white spruce tree seedlings were donated by DCNR's Penn Nursery for the event.

Both teams were successful, with the 101 Pennsylvania volunteers planting a total of 7,248 trees (3,957 trees on the Moshannon State Forest, and 3,291 trees on the Tuscarora State Forest). The combined efforts of all the teams, representing more than 1,100 participants planting across four time zones, resulted in 202,330 trees being planted during the 1 hour attempt. The benchmark that the attempt needed to exceed in order to obtain the record was 40,885 trees; however, the record will not be official until Guinness World Records reviews and confirms the results, which is expected to occur at the end of August.

Don't Get Stuck in January

Do you know when your PA SFI training card will expire? Is your card set to expire at the end of this year?

Remember, all training card expirations are for December 31st of the listed year, and now is the most important time to check the status of your card. If your card is expiring, there are lots of helpful continuing education courses that you can participate in this fall (refer to the enclosed training schedule)

Just be sure you don't get stuck out in the cold come January. If your card expires at the end of the year and you suddenly need it for a job, you could find yourself in a tough predicament. The Pennsylvania SIC does not schedule continuing education courses until our spring training block in mid-March, and other training opportunities are typically few and far between.

You can always check the status of your training on the PA SIC website: www.sfiopa.org/search, or by contacting Chuck Coup at the PA SIC office. We also send out postcard reminders each fall to anyone with a card set to expire at the end of the year, so keep an eye out.

NEW: Hands On Diesel Engine and Hydraulic System Safety Training

This fall the Pennsylvania SFI Professional Timber Harvester Training Program will be offering two new hands-on training courses designed to help participants gain a better understanding of diesel engine and hydraulic systems safety, operation, diagnostics, and maintenance.

The two 8-hour courses will be taught by instructors in the Pennsylvania College of Technology's Heavy Construction Equipment Program and will be held at the school's Earth Science Center in Montgomery, PA. Each training qualifies for 2 years of continuing education credit.

- **Sat. October 17, 2015 - Hydraulic Safety**
- **Sat. October 31, 2015 - Electronic Diesel Controls**

Schneebeli Earth Science Center
203 Allenwood Camp Lane
Montgomery, PA 17752

The electronic diesel controls course will introduce participants to the theory and operation of electronically controlled engine systems such as: fuel systems, mechanical systems, sensors and control modules. General system diagnostics and basic electronics troubleshooting will also be introduced.

The hydraulic safety course will introduce participants to the theory of hydraulic operation, nomenclature and function of associated components, safety practices, general maintenance, and diagnostic troubleshooting of hydraulic systems.

The cost of each course is \$75. Classes are limited to 25 participants, and registration is on a first-come first-served basis. Spaces are not reserved until the registration payment is received. Please be sure to register early to reserve your spot.

In addition to the enclosed registration sheet, individuals can also register for these courses on the PA SFI website: www.sfiopa.org/course-registration.php

PA SFI® Implementation Committee Partners

SIC Partners are not SFI certified, but help to promote sustainable forestry practices throughout Pennsylvania and pledge a contribution annually to the Pennsylvania SIC based on mill production from PA forest resources.

Blue Ox Timber Resources
Brojack Lumber Co.
Cedar Grove Lumber, LLC
Cowan Lumber
Deer Park Lumber, Inc.
Dwight Lewis Lumber Company, Inc.
Firth Maple Products, Inc.
Fry Pallet Company
Heacock Lumber Company
Hoffman Brothers Lumber, Inc.
JM Wood Products LLC
Jeld-Wen, Inc.
Kern Brothers Lumber Company
Kort Forestry
Lee Brothers Lumber Company
Matson Lumber Company
Mt. Airy Lumber Co.
Ordie Price's Sawmill
Patterson Lumber Company, Inc.
Pine Creek Lumber Co.
RAM Forest Products, Inc.
Renno Brothers Lumber Co.
Salem Hardwood, Inc.
Spigelmyer Wood Products, Inc.
Trumco Forest Products
Soap Stone Sawmill

PA SFI® Implementation Committee Supporters

SIC Supporters are not SFI certified, but help to promote sustainable forestry practices and pledge meaningful contributions to the Pennsylvania SIC.

Appvion, Inc.
Bingaman & Son Lumber Co., Inc.
Brooks Site Services, LLC
Brownlee Lumber, Inc.
Cochran & Zandi Lumber, LLC
Cummings Lumber Co, Inc.
Gutchess Lumber, Co., Inc.
Hobbess Forestry Services
Horizon Wood Products, Inc.
Klinger Family Sawmill
Metzler Forest Products LLC
Mick Brothers Lumber, Inc.
P & S Lumber Company
RJ Hoffman & Sons, Inc.
Rorabaugh Lumber Company
St. Marys Lumber Co., Inc.
Sylvandale Forestry
W.J. Cox Associates
Wheeland Lumber Company, Inc.

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Training Reciprocity

Professional Timber Harvesters that operate across the Pennsylvania border on out-of-state sites that require SFI training can avoid duplicating training efforts.

The Pennsylvania SIC has established training reciprocity agreements with the Maryland/Delaware Master Logger Program, and New York Logger Training, Inc. that reduce duplicative training requirements by allowing our participants to transfer at least some of their credits between programs.

Participants in Pennsylvania's SFI Professional Timber Harvester Training Program can transfer some of their core training credits to Maryland /Delaware, and nearly all of them to New York. The agreements also allow the Pennsylvania SIC to recognize most continuing education courses completed under these border-state programs.

Refer to the PA SIC website for more details, or contact the Pennsylvania SIC office.

www.sfiopa.org/page/training-reciprocity/

Todd Smith Named AHUG Logger of the Year

Reprinted with permission from AHUG Dimensions - Spring 2015 Edition

The Allegheny Hardwood Utilization Group, Inc. (AHUG) Logger of the Year was awarded to Todd Smith of Smethport at the 47th Annual Kane are Logger Safety Meeting on April 7th in Johnsonburg. AHUG presents this award yearly to the logger in their region who best exemplifies the qualities of professionalism, a strong commitment to safety and who has community and industry service involvement.

Todd is the owner of Todd Smith Logging. He started his own logging business in 1994. He has had many years of experience and the quality of the work of his crews is recognized by both forest managers and the market that he supplies with logs and pulpwood. He currently has

3 logging crews and is considered a high production logging company. His crews currently work for RAM Forest Products. He also produces logs, firewood and pulpwood for other markets. Todd and his crews cut, skid, haul and do preparation and clean up of their sites.

Todd has a high-level of knowledge of logging, trucking, and the details of successfully managing a logging business. He is always taking steps to improve productivity. He also has an excellent attitude towards safety, provides worker' compensation for all his full time employees and promotes safety continually.

Todd has participated in the Pennsylvania SFI Professional Timber Harvester Training program since 2001, completing 56 hours of training.

Todd received citations from local legislators, a chainsaw from Northeast Stihl and Dave's Saw Shop, a chrome plated axe, a plaque, monetary award and membership from AHUG.

Other nominees for the award were Ryan Lundeen of Kane, Terry Bean of Shinglehouse, and Christopher & Evan Smith of Bradford. All of these loggers came highly recommended and are deserving of being honored for their careers and accomplishments in logging. A sincere congratulations to Todd and all the nominees on behalf of the Pennsylvania SFI Implementation Committee.

Thank you to our SFI Participants and SIC Partners & Supporters

The efforts of the PA SIC would not be possible without the generous support of the companies listed along the left side of this newsletter. They believe that responsible environmental behavior and sound business decisions can coexist to the benefit of present and future generations.

We would like to thank all of these companies for their support and recognize our new SIC Partners and Supporters: **Cedar Grove Lumber, Cowan Lumber, Soap Stone Sawmill, and Klinger Family Sawmill**



PA SFI® Implementation Committee
211 Barrington Lane
Bellefonte, Pennsylvania 16823



The SFI® Program is a service of SFI, Inc.

Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

NEWS

Advanced Logger Rescue Training

The Pennsylvania SIC has again teamed up with the Pennsylvania State Fire Academy to offer Advanced Logger Rescue Training for free at three locations in southwest Pennsylvania (Indiana, Fayette, and Somerset Counties) this fall

This one day course qualifies for 2-years of PA SFI CE credit and is geared to prepare firefighters, EMS personnel, foresters, and loggers in taking action to reduce severity of injury and increase the victim's chance of survival after a severe logging site accident.

- **Fri. September 25, 2015 - Indiana County**
- **Sat. September 26, 2015 - Fayette County**
- **Sun. September 27, 2015 - Somerset County**

The cost is FREE, but pre-registration is required. **REGISTRATION FOR THESE COURSES IS HANDLED THROUGH THE PA STATE FIRE ACADEMY** on a first come, first served basis. **REGISTRATIONS WILL NOT BE ACCEPTED BEFORE 08/17/2015.** To download a registration application go to <http://goo.gl/E2LcMz> or request from Lou Ann May at the State Fire Academy (717) 247-3753. The registration deadline is three weeks prior to the class date.

2015 Forest Products Executive Development Workshop

Tuesday, September 29, 2015
8:15 am - 4:30 pm

Toftrees Golf Resort
One Country Club Lane,
State College, PA 16803

The Forest Products Executive Development Workshop is a unique seminar focused solely on issues affecting today's forest products industry. This workshop is designed to help business owners and managers understand the concepts and skills needed to successfully implement change within their operations. It will also benefit loggers, secondary processors, owner-operators, key managers and sales personnel. You do not need to be a member of AgChoice or PFFA to attend. Featured speaker Charlie Farrell, owner of the Farrell Group, a business consulting and training company in Columbia, SC, will discuss results orientated leadership. This workshop qualifies for 8-hours of PA SFI CE credit.

To register, contact PA Forest Products Association (717) 901-0420, or pfa@paforestproducts.org; Cost: \$200



Pennsylvania Sustainable Forestry Initiative®

Implementation Committee

Professional Timber Harvester Training Program

2015 Fall Training Schedule

SAVE TIME, REGISTER ONLINE AT: www.sfiopa.org/course-registration.php

To avoid course cancellations, pre-registration and payment for all classes is required by the registration deadline.

CORE TRAINING :

Individuals must complete *Professional Timber Harvesting Essentials*, *Game of Logging - Level 1*, and provide proof of current *First Aid & CPR* certification within a 2-year period to receive a PA SFI® Professional Timber Harvester Training Card. Refer to the Training Program Policy for complete details on training requirements at: www.sfiopa.org.

- *Professional Timber Harvesting Essentials and Basic First Aid & Adult CPR do NOT qualify for continuing education credit*
- *If you have not taken Game of Logging – Level 1 within the last 5 years, you can attend GOL-1 class for CE Credit*

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost ✦	Register By	
09/22/15	Tues	7:30 a.m.	Game of Logging – Level 1 (8 hours)	Aristes	\$ 95.00	09/15/15
09/23/15	Wed	8:00 a.m.	Professional Timber Harvesting Essentials (8 hours)	Aristes	\$ 85.00	09/16/15
10/06/15	Tues	7:30 a.m.	Game of Logging – Level 1 (8 hours)	Penfield	\$ 95.00	09/29/15
10/07/15	Wed	8:00 a.m.	Professional Timber Harvesting Essentials (8 hours)	Penfield	\$ 85.00	09/30/15
10/19/15	Mon	7:30 a.m.	Game of Logging – Level 1 (8 hours)	Dillsburg	\$ 95.00	10/12/15
10/20/15	Tues	7:30 a.m.	Game of Logging – Level 1 (8 hours)	Dillsburg	\$ 95.00	10/13/15
10/21/15	Wed	8:00 a.m.	Professional Timber Harvesting Essentials (8 hours)	Harrisburg	\$ 85.00	10/14/15
10/27/15	Tues	7:30 a.m.	Game of Logging – Level 1 (8 hours)	Ralston	\$ 95.00	10/20/15
10/28/15	Wed	8:00 a.m.	Professional Timber Harvesting Essentials (8 hours)	Waterville	\$ 85.00	10/21/15
11/03/15	Tues	7:30 a.m.	Game of Logging – Level 1 (8 hours)	Laughlintown	\$ 95.00	10/27/15
11/04/15	Wed	8:00 a.m.	Professional Timber Harvesting Essentials (8 hours)	Laughlintown	\$ 85.00	10/28/15
11/10/15	Tues	9:00 a.m.	Basic First Aid and Adult CPR (4 hours)	Johnsburg	\$ 45.00	11/03/15
11/11/15	Wed	9:00 a.m.	Basic First Aid and Adult CPR (4 hours)	Smethport	\$ 45.00	11/04/15
11/17/15	Tues	8:00 a.m.	Professional Timber Harvesting Essentials (8 hours)	Huntingdon	\$ 85.00	11/10/15
11/18/15	Wed	7:30 a.m.	Game of Logging – Level 1 (8 hours)	Alexandria	\$ 95.00	11/11/15

- ✦ Individuals insured through Eastern Forestry Insurance Group can have the \$90 registration fee for GOL classes paid by WJ Cox Insurance. Please submit proof of insurance with your registration form.
- ✦ Northern Tier Hardwood Association Members can apply for a 50% reimbursement of registration costs after completing courses. Contact NTHA at 570-265-7753.

CONTINUING EDUCATION TRAINING :

One (1) year of CE credit is given for each four (4) hours of training completed. Refer to the Training Program Policy for complete details on training requirements at: www.sfiopa.org.

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost ✦	Register By	
09/25/15	Fri	8:00 a.m.	Advanced Logger Rescue (8 hours)	Indiana (Indiana County)	Cost is FREE , but pre-registration is required. REGISTRATION FOR THESE COURSES IS HANDED THROUGH THE PA STATE FIRE ACADEMY on a first come, first served basis. REGISTRATIONS WILL NOT BE TAKEN BEFORE 08/17/2015 . To download a registration form go to http://goo.gl/E2LcMz or request from Lou Ann May at the State Fire Academy (717) 247-3753. The registration deadline is 3 weeks prior to the course date.	
09/26/15	Sat	8:00 a.m.	Advanced Logger Rescue (8 hours)	Smithfield (Fayette County)		
09/27/15	Sun	8:00 a.m.	Advanced Logger Rescue (8 hours)	Meyersdale (Somerset County)		
10/01/15	Thurs	8:00 a.m.	Erosion Control In Our Forests (8 hours)	Laporte	\$ 45.00	09/24/15
10/14/15	Wed	9:00 a.m.	Sustainable Forestry (8 hours)	Wilcox	\$ 45.00	10/07/15
10/17/15	Sat	8:00 a.m.	Hydraulic Safety (8 hours)	Montgomery	\$ 75.00	10/10/15
10/23/15	Fri	8:00 a.m.	The Relationship Between Lumber, Tree, and Log Grades (8 hours)	Brookville	\$ 45.00	10/16/15
10/30/15	Fri	8:00 a.m.	Best Management Practices for Timber Harvesting (8 hours)	Greensburg	\$ 45.00	10/23/15
10/31/15	Sat	8:00 a.m.	Electronic Diesel Controls (8 hours)	Montgomery	\$ 75.00	10/24/15
11/17/15	Tues	9:00 a.m.	Business Management for Timber Harvesters (8 hours)	Wellsboro	\$ 50.00	11/10/15
11/19/15	Thurs	7:30 a.m.	Game of Logging – Level 2 (8 hours)	Alexandria	\$ 95.00	11/12/15

- ✦ Individuals insured through Eastern Forestry Insurance Group can have the \$90 registration fee for GOL classes paid by WJ Cox Insurance. Please submit proof of insurance with your registration form.
- ✦ Northern Tier Hardwood Association Members can apply for a 50% reimbursement of registration costs after completing courses. Contact NTHA at 570-265-7753.

OTHER CONTINUING EDUCATION TRAINING:

Additional training opportunities are available through numerous organizations across Pennsylvania and in adjoining states. Training courses taken from other sources may qualify for PA SFI continuing education credit, provided the subject of the course is relevant to the SFI program, and if some legitimate form of documentation is provided to the PA SIC office for proof of content and attendance. To submit Non-PA SFI training credits please fill out a copy of the Non-PA SFI Course Credit Form (available on our website under "Forms" section or by contacting the PA SIC office) and send it to the PA SIC office with all necessary paperwork and a check for \$20 made payable to the "PA SFI Implementation Committee" for administrative costs. Refer to the Training Program Policy for complete details on training requirements.

The PA SIC maintains a listing of all pre-approved Non-PA SFI CE training courses that we have been made aware of. It can be found on our website: [visit http://sfiopa.blogspot.com](http://sfiopa.blogspot.com)

Visit www.sfiopa.org for additional details and the most current training schedule. Programs may be added or cancelled at any time.
For additional information, please contact the PA SFI® Implementation Committee at: (814) 355-1010, or Toll Free (888) 734-9366 / Fax: (814) 355-1022, pasfi@sfiopa.org

Pennsylvania Sustainable Forestry Initiative® Implementation Committee

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Pennsylvania Sustainable Forestry Initiative® Implementation Committee

Professional Timber Harvester Training program

2015 Fall Course Registration Form

SAVE TIME, REGISTER ONLINE! www.sfiopa.org/course-registration.php

- Registration fees are **non-refundable** after the course registration deadline if the course is held and you do not attend.
- Your space in a course will not be reserved until the registration fee is paid. Please do not delay in making payment or your space could be given to another participant.
- Courses may be cancelled if a minimum number of students are not registered by the registration deadline. Please register on time.
- For a full description of the Training Program Policies, please visit www.sfiopa.org or contact the PA SIC® office.

ATTENDEE	COURSE DATE	COURSE NAME	COURSE LOCATION	COST
(Please Print Clearly / One Course Participant Per Form)				
Name: (Full First, Middle Initial, Last)				
Home Mailing Address:				
Home Phone: () - 				
Email:				
Occupation (circle one): • Forester • Logger-owner • Logger-employee • Landowner • Office personnel • Truck driver • Other _____			Total Amount Enclosed:	
Make checks payable to: "Pennsylvania SIC" Mail to: PA SFI Implementation Committee 211 Barrington Lane Bellefonte, PA 16823				

2015 COURSE DESCRIPTIONS

CORE TRAINING:

Required to receive a PA SFI® Professional Timber Harvester Training Card. All 3 requirements must be completed within 2 years.

- **Professional Timber Harvesting Essentials (8 hours)** - Part one focuses on recognizing and negating hazards that timber harvesting operations encounter daily. It includes modules covering chainsaw safety, equipment safety, truck safety and an overview of OSHA regulations applicable to logging. Part two focuses on the Erosion & Sediment Pollution Control Plan required by Chapter 102, understanding Pennsylvania's Clean Streams Laws, permits a logger may need when working near streams and wetlands, Best Management Practices (BMPs), and the importance of planning, job layout, and harvesting aesthetics. **DOES NOT COUNT FOR CONTINUING EDUCATION CREDIT.**
- **Game of Logging – Level 1 (8 hours)** - Focuses on introducing the participant to the "open face" felling technique and the development of skills to safely use it. Topics covered include personal protective equipment, chainsaw safety features, chainsaw reactive forces, bore cutting, pre-planning the fell, and understanding hinge wood strength. Participants need safety equipment (hard hat, chaps, eye protection, ear protection, and sturdy boots), water, lunch, and should be prepared to spend the day outside (rain or shine). Participants are not required to provide their own chainsaw. **If you have not taken Game of Logging – Level 1 within the last five (5) years, you can attend GOL-1 for continuing education credit.**
- **First Aid & CPR (4 hours)** - The focus of this program is on First Aid and Adult CPR training that meets OSHA Logging requirements and American Red Cross (or equivalent) certification. Training can also be taken locally through your Fire Department, EMS, Hospital, etc. Online courses are not accepted by PA SFI. **DOES NOT COUNT FOR CE CREDIT.**

CONTINUING EDUCATION (CE):

One (1) year of CE credit is given for each four (4) hours of CE training completed. CE credits can only extend your card date a maximum of three (3) years from the current calendar year. CE credit will not be awarded for taking the same class more than once in a five (5) year period.

- **Advanced Logger Rescue (8 hours)** - This course is geared to prepare firefighters, EMS personnel, foresters, and loggers in taking action to reduce severity of injury and increase the victim's chance of survival after a severe logging site accident. This course is primarily conducted outdoors.
- **Best Management Practices for Timber Harvesting (8 hours)** - This course covers timber Harvesting BMPs, E&S Plan preparation, site layout and limitations, the PNDI program, permits and regulations related to stream and wetland encroachments, and stream crossing types. A great course for a refresher on these topics or for new loggers to get familiar with.
- **Business Management for Timber Harvesters (8 hours)** - Successful business management is fundamental to a successful logging operation. Participants are introduced to the preparation of business plans, documents used for financial analysis, key people, sources of assistance, employee management, and other components of running a successful business. This is a great class for new loggers starting their own business or established loggers looking for a refresher.
- **Electronic Diesel Controls (8 hours)** - This hands-on course will introduce participants to the theory and operation of electronically controlled engine systems such as: fuel systems, mechanical systems, sensors and control modules. General system diagnostics and basic electronics troubleshooting will also be introduced.
- **Erosion Control In Our Forests (8 hours)** - This workshop combines indoor and outdoor instruction time to review Pennsylvania's regulatory requirements (chapters 93, 102, & 105 of PA Code). It discusses planning before the harvest, stream crossings, best management practices, creating E&S plans, and other considerations during and after the timber harvest.
- **Game of Logging (8 hours, each Level)** - These courses cover chainsaw safety and safe/efficient harvesting techniques. **They MUST be taken in order. Level 1** (see description under Core Training section). **Level 2** focuses on saw maintenance, chain sharpening techniques, releasing spring poles safely, and directional tree felling. **Level 3** focuses on handling difficult trees. Topics covered include limbing, wedging techniques and hinge placement. Refer to Level 1 description under Core Training for additional details.
- **Hydraulic Safety (8 hours)** - This hands-on course will introduce participants to the theory of hydraulic operation, nomenclature and function of associated components, safety practices, general maintenance, and diagnostic troubleshooting of hydraulic systems.
- **The Relationship Between Lumber, Tree, and Log Grades (8 hours)** - This course will introduce basic knowledge about hardwood lumber grades, tree grades, and log grades. It will explain how the different grades are established and will provide an understanding of how the tee, lumber, and log grades affect each other.
- **Sustainable Forestry (8 hours)** - How do you know that a timber harvest is "sustainable?" What are the consequences of high-grading and diameter limit cuts? This course covers the elements of sustainable harvesting practices and how to assess a stand. It focuses on the forest that remains as a result of the harvest.

Pennsylvania Sustainable Forestry Initiative®
Implementation Committee

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