

# **2011-2012 Pipeline Training Schedule with Class Descriptions**

## **Information for all courses:**

The Pipeline Training Program focuses on upgrading essential skills for the successful operation of pipeline equipment. Hands-on training is emphasized. Applicants must have the skills necessary to work in the pipeline industry.

Although prior pipeline experience is not required, applicants must demonstrate proficiency in the operation of basic construction equipment. Apprentices who have relevant skills are welcome to attend. Attendees are evaluated at the beginning of the course.

Classes follow a schedule of six days per week, 10 hours each day. There is classroom training each morning followed by hands-on field training. In the classroom students will get a clear understanding of the techniques to be practiced that day through the use of videos, photos and 3D animation. Field training simulates the tasks performed on a pipeline job as realistically as possible.

Instructors are experts. They are full-time, professional pipeline operators who work in the field during the construction season and teach courses during the off-season.

Participants will be provided \$50.00/day per diem, lodging and mileage up to 600 miles round trip.

Applications may be obtained from your local union.

## 2011-2012 Pipeline Training

### Three week classes for Side Boom **8 students**

Date	Location
October 31 – November 18, 2011	Local 542 site in Bernville, PA
October 31 – November 18, 2011	Local 12 site in Las Vegas, NV
November 28– December 18, 2011	Local 542 site in Bernville, PA
November 28– December 18, 2011	Local 12 site in Las Vegas, NV
January 9 – January 27, 2012	SAT site in Iuka, MS
January 9 – January 27, 2012	Local 12 site in Las Vegas, NV
January 30– February 17, 2012	SAT site in Iuka, MS
January 30 – February 17, 2012	Local 12 site in Las Vegas, NV
February 20 – March 9, 2012	SAT site in Iuka, MS
February 20 – March 9, 2012	Local 12 site in Las Vegas, NV
March 19– April 6, 2012	Local 139 site in Coloma, WI
March 19 – April 6, 2012	Local 9 site in Bennett, CO
April 16 – May 4, 2012	Local 9 site in Bennett, CO
May 7 – May 25, 2012	Local 9 site in Bennett, CO

This class is three weeks long; six day weeks, 10 hours each day. Two hours classroom instruction each morning followed by eight hours field training.

Classes are intended for experienced operators. A proficiency test will be given at the beginning of the course to verify abilities.

This class will prepare you for working in the pipeline industry. The following subjects will be covered:

- All the various applications of a sideboom throughout the many different stages of construction.
- Sideboom controls, carrying a load, and working with multiple sidebooms when carrying long sections of pipe.
- Pipeline terminology and vocabulary.
- Safety.

## 2011-2012 Pipeline Training

### Three week classes for Excavator **8 students**

Date	Location
October 31 – November 18, 2011	Local 542 site in Bernville, PA
October 31 – November 18, 2011	Local 12 site in Las Vegas, NV
November 28– December 18, 2011	Local 542 site in Bernville, PA
November 28– December 18, 2011	Local 12 site in Las Vegas, NV
January 9 – January 27, 2012	SAT site in Iuka, MS
January 9 – January 27, 2012	Local 12 site in Las Vegas, NV
January 30– February 17, 2012	SAT site in Iuka, MS
January 30 – February 17, 2012	Local 12 site in Las Vegas, NV
February 20 – March 9, 2012	SAT site in Iuka, MS
February 20 – March 9, 2012	Local 12 site in Las Vegas, NV
March 19– April 6, 2012	Local 139 site in Coloma, WI
March 19 – April 6, 2012	Local 9 site in Bennett, CO
April 16 – May 4, 2012	Local 9 site in Bennett, CO
May 7 – May 25, 2012	Local 9 site in Bennett, CO

This class is three weeks long; six day weeks, 10 hours each day. Two hours classroom instruction each morning followed by eight hours field training.

Classes are intended for experienced excavator operators. A proficiency test will be given at the beginning of the course to verify abilities.

The course will prepare you for working in the pipeline industry. The following subjects will be covered:

- All the various applications of a hoe throughout the many different stages of construction.
- How to dig sloped ditches, the various bends and digging around existing pipelines.
- Pipeline terminology and vocabulary.
- Safety.

## 2011-2012 Pipeline Training

### Three week classes for Dozer **8 students**

Date	Location
October 31 – November 18, 2011	Local 542 site in Bernville, PA
October 31 – November 18, 2011	Local 12 site in Las Vegas, NV
November 28– December 18, 2011	Local 12 site in Las Vegas, NV
January 9 – January 27, 2012	SAT site in Iuka, MS
January 9 – January 27, 2012	Local 12 site in Las Vegas, NV
January 30– February 17, 2012	SAT site in Iuka, MS
January 30 – February 17, 2012	Local 12 site in Las Vegas, NV
February 20 – March 9, 2012	Local 12 site in Las Vegas, NV
March 19– April 6, 2012	Local 139 site in Coloma, WI
March 19 – April 6, 2012	Local 9 site in Bennett, CO
April 16 – May 4, 2012	Local 9 site in Bennett, CO
May 7 – May 25, 2012	Local 9 site in Bennett, CO

This class is three weeks long; six day weeks, 10 hours each day. Two hours classroom instruction each morning followed by eight hours field training.

Classes are intended for experienced operators. A proficiency test will be given at the beginning of the course to verify abilities.

The course will prepare you for working in the pipeline industry. The following subjects will be covered:

- All the various applications of a dozer throughout the many different stages of construction.
- Angle blades; understanding the way soil needs to be moved using the long and short corners of the blade.
- Pipeline terminology and vocabulary.
- Safety.

<p><b>Advanced Pipeline Training Class</b>  <b>Two week classes – 4 instructors – 4- Dozers, Sideboom and Hoes</b>  <b>12 students</b></p>	
<b>Date</b>	<b>Location</b>
April 16- April 28-2012	Local 139 site in Coloma, WI
April 30- May 12- 2012	Local 139 site in Coloma, WI
May-14- May 26-2012	Local 139 site in Coloma, WI

This class has morning tailgate meetings followed by field training.

Classes are intended for previous students of the Pipeline Training Program. A proficiency test will be given at the beginning of the course to verify abilities.

The Advanced class will challenge you to perform the more complex techniques of cross-country pipeline construction. The instructor will act as a supervisor would on a pipeline job. The training site will already have an existing right of way in place. Students are expected to approach the training as if they were working on an actual job.

Each morning student and instructors will discuss various topics in a tailgate meeting. The field training will simulate the tasks performed on a pipeline job as realistically as possible. Students will be expected to utilize all the techniques learned from previous pipeline classes.

## **Bending Engineering Classes**

**Six one-week classes – one instructor – 5 students**

<b>Date</b>	<b>Location</b>
March 19– March 24, 2012	Local 139 site in Coloma, WI
March 26– March 31, 2012	Local 139 site in Coloma, WI
April 2- April 6, 2012	Local 139 site in Coloma, WI
April 16- April 21, 2012	Local 139 site in Coloma, WI
April 23 - April 28, 2012	Local 139 site in Coloma, WI
April 30 - May 5, 2012	Local 139 site in Coloma, WI

This class is one week long; six days total, 10 hours each day. Two hours classroom instruction each morning followed by eight hours field training.

Classes are intended for members with mathematical skills. This course will prepare you for working in the bending operations of a pipeline project.

Classroom instruction involves mathematical formulas. These formulas include:

- Calculating the circumference of a given diameter of pipe.
- Calculating simple ends.
- Complex bends.
- Calculating multiple bends in a single joint of pipe.

Students will have hands-on training in the operation of the bending machine and will have an opportunity to bend a joint of pipe. There is also hands-on instruction in the use of Abney Levels and Clinometers. Pipeline terminology, vocabulary and safety will also be covered.

## John Henry Rock Drilling Classes

**One week classes – one instructor – 5 students**

Date	Location
January 9 – January 14, 2012	Local 370 site in Spangle, WA
January 16 – January 21, 2012	Local 370 site in Spangle, WA
January 23 – January 28, 2012	Local 370 site in Spangle, WA
January 30- February 4-2012	Local 370 site in Spangle, WA

February 13 – February 18, 2012	Local 101 site in Weston, MO
February 20 – February 25, 2012	Local 101 site in Weston, MO
February 27 – March 3, 2012	Local 101 site in Weston, MO
March 5 - March 10 2012	Local 101 site in Weston, MO

March 19 – March 24, 2012	Local 181 site in Boston, KY
March 26 – March 31, 2012	Local 181 site in Boston, KY
April 2 – April 7, 2012	Local 181 site in Boston, KY

April 16 - April 21 2012	Local 17 site in Lakeview, NY
April 23 – April 28, 2012	Local 17 site in Lakeview, NY
April 30 – May 5, 2012	Local 17 site in Lakeview, NY

This class is one week long; six days total, 10 hours each day. Two hours classroom instruction each morning followed by eight hours field training.

Classes are intended for experienced operators. A proficiency test will be given at the beginning of the course to verify abilities.

This course will prepare you for drilling operations in the pipeline industry. The following subjects will be covered:

- All the various applications of a John Henry throughout the many different stages of construction.
- How to perform machine setup, how to drill through rock, how to drill through over burden, how to 'double-steel' and maintenance.
- Pipeline terminology and vocabulary.
- Safety.

## Pipeline Winching classes

Three week classes – one instructor – four Dozers – 8 students

Date	Location
November 28– December 18, 2011	Local 542 site in Bernville, PA
February 20 – March 9, 2012	SAT site in Iuka, MS
May 7 – May 25, 2012	Local 9 site in Bennett, CO

This class is three weeks long; six day weeks, 10 hours each day. Two hours classroom instruction each morning followed by eight hours field training.

Classes are intended for experienced operators. A proficiency test will be given at the beginning of the course to verify abilities.

This course will prepare you for winching operations in the pipeline industry. The following subjects will be covered:

- All the various applications of a winch tractor throughout the many different stages of construction.
- How and where to hook up, how to walk the tractors together and how a dozer winches both individually and with multiple machines.
- Cable standards and proper rigging up of equipment.
- Pipeline terminology and vocabulary.
- Safety.

## **Vacuworxs Pipe Lifter Training**

**One week class - one instructor – 5 students**

<b>Date</b>	<b>Location</b>
January 9 – January 14, 2012	Local 181 site in Boston, KY
January 16 – January 21, 2012	Local 181 site in Boston, KY
January 23 – January 28, 2012	Local 181 site in Boston, KY
January 30- February 4-2012	Local 181 site in Boston, KY

February 13 – February 18, 2012	Local 66 site in New Alexandria, PA
February 20 – February 25, 2012	Local 66 site in New Alexandria, PA
February 27 – March 3, 2012	Local 66 site in New Alexandria, PA
March 5 - March 10 2012	Local 66 site in New Alexandria, PA

March 19 – March 24, 2012	Local 324 site in Howell, MI
March 26 – March 31, 2012	Local 324 site in Howell, MI
April 2 – April 7, 2012	Local 324 site in Howell, MI

April 16 - April 21 2012	Local 49 site in Hinckley, MN
April 23 – April 28, 2012	Local 49 site in Hinckley, MN
April 30 – May 5, 2012	Local 49 site in Hinckley, MN
May 7- May 12, 2012	Local 49 site in Hinckley, MN

This class is one week long; six days total, 10 hours each day. Two hours class room each morning followed by eight hours field training.

Classes are intended for experienced excavator operators. A proficiency test will be given at the beginning of the course to verify abilities.

This course will introduce you to the pipe lifter and basic operation and maintenance. During this class you will learn how to load and unload pipe trucks, rack pipe for a pipe yard and string pipe on a pipeline right-of-way. Pipeline terminology, vocabulary, and safety will also be covered.

## Pipeline Maintenance [Rehab] Training

Two week classes – one instructor – two Hoes – 6 students

Date	Location
January 9 – January 21, 2012	Local 428 site in Casa Grande, AZ
January 23 – February 4, 2012	Local 428 site in Casa Grande, AZ
February 6 -February 18, 2012	Local 428 site in Casa Grande, AZ

February 27- March 10, 2012	Local 234 site in Indianola, IA
March 12- March 24, 2012	Local 234 site in Indianola, IA
March 26 - April 6 -2012	Local 234 site in Indianola, IA

April 16- April 28-2012	Local 324 site in Howell, MI
April 30- May 12- 2012	Local 324 site in Howell, MI
May-14- May 26-2012	Local 324 site in Howell, MI

April 16- April 28-2012	Local 49 site in Hinckley, MN
April 30- May 12- 2012	Local 49 site in Hinckley, MN
May-14- May 26-2012	Local 49 site in Hinckley, MN

This class is two weeks long; six day weeks, 10 hours each day. Two hours classroom instruction each morning followed by eight hours field training.

Classes are intended for experienced operators. A proficiency test will be given at the beginning of the course to verify abilities.

This course will prepare you for working in the rehabilitation of existing pipelines. During the class the following list of subjects will be covered:

- All the various applications of a hoe throughout the many different stages of rehabilitation.
- How to dig around pipelines, sloping, padding, carrying pipe and installing stream crossings.
- Pipeline terminology and vocabulary.
- Safety.