



### Careers in Welding

Speaker: Robert J Tabernik, *Northeast Regional Manager*  
The Lincoln Electric Company

**DATE:** October 21, 2008

**LOCATION:** ←  
**Morris County**  
**School of Technology**  
400 East Main St. (Route 53)  
Denville, NJ 07834  
973-627-4600 www.mcvts.org  
(Directions appear on page 4)

Meeting will be held in the cafeteria.  
Dinner will be prepared by the  
MCST Food Services Class.

**PROGRAM:**

4:30 p.m. Executive Meeting  
6:00 p.m. Networking  
6:30 p.m. Dinner  
7:30 p.m. Presentation

**COST:**

Members & Guests: \$15.00  
Students: FREE

Welding is one of the most exciting careers. The opportunities go way beyond the ability to "run a good bead." Welders are in very high demand. The introduction of new materials has opened up opportunities. Welding inspectors are highly paid and in high demand. Certified Welding Supervisors is a new manufacturing category. Welding instructors, welding sales, welding engineers, robotic welding operators, and welding design careers are highly paid and very rewarding. Trade apprenticeships are booming and will continue to be in high demand for the foreseeable future.

Learning to weld with an eye to the future will put you in a position to choose from any number of careers in the welding field. Let's talk about welding !!!

Bob Tabernik has been active in the Cleveland, Minneapolis, and Columbus AWS Sections. He was Section Chairman twice in both Minneapolis and Columbus. He served on the National AWS Board of Directors from 2000-2004, on several key committees. He has been an AWS guest speaker throughout the United States.

A graduate Civil Engineer from Case Western Reserve University (1973), he joined Lincoln Electric and was a Technical Representative in Minneapolis for 13 years. He became District Manager of the Columbus District Office in 1987, and was named and was named Regional Manager for Columbus and Cincinnati in 2000. In 2005, he was named the Northeast Regional Manager and is responsible for 13 Northeast states.

Bob has been married for 35 years and has four children. Two of his children currently work in the welding industry. He likes to say that his father told him, "Learn to weld and you will have a job for life."

**2008 - 2009 AWS NJ Section OFFICERS**

**Chairman:** SEANN T. BRADLEY, *The Lincoln Electric Co.*  
**Vice-Chair:** BOB WLAZLOWSKI, *GTS Welco Gas Technologies*  
**Secretary:** GEORGE SHEEHAN, *Union County Voc-Tech*  
**Treasurer:** AL FLEURY, *A.F. Fleury Associates*

**EXECUTIVE COMMITTEE**

<i>Term through 2009</i>	<i>Term through 2010</i>
<b>BOB BARTLEY</b> Welco	<b>JAMES DOLAN</b> Dolan Associates
<b>STEVE DAGNALL</b> Red-D-Arc WelderRentals	<b>HARRY EBERT</b> Consultant
<b>DAVID GRIEP</b> Passaic County Tech Inst.	<b>BOB PETRONE</b> AGL Welding Supply
<b>FRED WINSOR</b> Consultant	<b>KEN STOCKTON</b> PSE&G
<i>Sr. Past Chairman</i> <b>VINCE MURRAY</b> AGL Welding Supply	<i>Jr. Past Chairman</i> <b>STEVEN DeFILLIPPS, Jr.</b> SOS Gases, Inc.

**STANDING COMMITTEES & SPECIAL OFFICES**

<b>Program</b> STEVEN DeFILLIPPS, Jr. SOS Gases, Inc.	<b>Awards</b> BOB PETRONE AGL Welding Supply
<b>Education</b> JAMES DOLAN Dolan Associates	<b>Image of Welding</b> BILL DALLAS Industrial Welding Supply
<b>Certification</b> PAUL LENOX Airgas East	<b>Publicity</b> BOB BARTLEY GTS Welco Gas Tech.
<b>S.E.N.S.E./Student Activities</b> GEORGE SHEEHAN Union County Voc-Tech	<b>Membership</b> SEANN BRADLEY The Lincoln Electric Co.
<b>Technical Rep</b> WYATT MANN The Lincoln Electric Co.	<b>Hospitality</b> BOB WLAZLOWSKI GTS Welco Gas Tech.
<b>Website</b> AL FLEURY A.F. Fleury Associates	<b>Safety &amp; Health, Historian</b> GUS MANZ A. F. Manz Associates

District 2 Director: KEN STOCKTON, PSE&G

## Chairman's Message

You can save up to \$2,400 per year if you pack your lunch for work. Given that the average cost for going out to lunch is \$10 per day. \$10 x 5 days per week x 4 weeks per month x 12 months per year = \$2,400.

Seann T. Bradley, *The Lincoln Electric Co.*  
AWS NJ Section Chairman

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## Participate!

To get the most from your AWS membership, get more involved. Come to the meetings...join a committee...assist with programs and activities. It's a great opportunity to network with others in the industry, work with welding experts, hone managerial skills, and advance your career. Just speak with any of the officers or committee chairs. You'll be glad that you did.

## Welcome Members

The AWS New Jersey Section welcomes the following new members:

James Adams  
Angelo Aprile, *NJ Transit*  
Alfred Canino  
Jordan Donohue  
Albert A. Elvis  
William Good  
Graham Horne, *Connell Mining Products*  
Elie Klachkin, *Image Industries*  
Richard Liberti  
Wyatt Mann, *The Lincoln Electric Co.*  
Tony Morea  
Jack D. Morris, *Frazier Industrial Co.*  
Kenneth R. Ravel  
Walter Simon  
Mark Spiezio

We look forward to seeing you at the meetings.

Mail Section correspondence to Section Secretary:  
George Sheehan, 4 Ramsey Road, Edison, NJ 08820

Visit the AWS Website at: [www.aws.org](http://www.aws.org)

## Reminder: AISC Seminar

### Listen to the Steel: Duane Miller on Welding

Philadelphia: 10/02/2008  
New York, NY: 12/09/2008  
Boston, MA: 12/11/2008

AISC Members \$350 Others \$500  
You can get complete info and register  
online at: [www.aisc.org/2008seminars](http://www.aisc.org/2008seminars)

Everything you need to know about your welding applications is discussed in this new one day seminar: Listen to the Steel. Each module gives concise resolution to steel welding issues and together they represent the full welding spectrum. All modules will be presented in each city, however, modules relevant to each city's location will be covered more extensively.

**Handouts:** Attendees will receive a copy of the author's course notes and a copy of the new Welding Design Guide: AISC Design Guide 21 - Welded Connections - A Primer for Engineers.

#### Module 1 1.5 hrs

Special Welding Applications: Practical, straightforward solutions to challenging situations including welding on existing structures, extending structures, extending anchor bolts, welding AESS, "jumbo sections", and others.

#### Module 2 1.5 hrs

Cost Reduction Ideas: Design related and detail-oriented alternative examples are discussed that can reduce cost of welding by 25% or more. Groove weld details, sizing of welds, selection of weld types, and more.

#### Module 3 1.5 hrs

Seismic Welding: An overview of the new AWS D1.8 Seismic Welding Supplement, geared toward the engineer with specific focus on what should be included in Contract Documents and what the Engineer should expect from contractors doing work to this Standard

#### Module 4 1 hr

Cold Weather Welding: Two subjects in one module: how to perform welding when the outside temperatures are low, and factors to consider in the selection of filler metals and joint details.

#### Module 5 1 hr

Details of Welded Connections: All of those little details that come back to haunt you: fillet weld terminations, lap joint details, minimum sized welds, maximum sized welds, transverse and longitudinal fillet welds, backing and more.

#### Module 6 1.5 hrs

Listen to the Steel: A serious talk with a humorous title, this module examines fatigue failures from a variety of industries, citing the principle for design that was violated, as well as the corrective actions that were taken to overcome the problem.

#### Author & Speaker:

Duane K. Miller, Sc.D., P.E., Manager, Engineering Services,  
The Lincoln Electric Company, Cleveland

# Directions to October 21, 2008 Meeting

## Morris County School of Technology

400 East Main St. (Route 53), Denville, NJ 07834  
973-627-4600      www.mcvts.org

Meeting will be held in the cafeteria.

**From Route 80 West:** Take Exit 39 onto Route 46 East, bear right and proceed down the ramp onto Route 53 South (Mt. Tabor/Morristown). MCST is at the 3rd traffic light on the left hand side. The school is located at the corner of Route 53 and Fox Hill Road. Turn left onto Fox Hill Road to access the main entrance.

**From Route 80 East:** Take Exit 38 (Denville) onto route 46 East, bear right and proceed down the ramp onto Route 53 South (Mt. Tabor/Morristown). MCST is at the 3rd traffic light on the left hand side. The school is located at the corner of Route 53 and Fox Hill Road. Turn left onto Fox Hill Road to access the main entrance.

**From Route 280:** Take Route 280 to Route 80 West (follow directions from Route 80 West)

**From Route 46 West:** Proceed to the signs for Denville. Follow signs for Route 53 South. MCST is at the third traffic light on the left hand side. The school is located at the corner of Route 53 and Fox Hill Road. Turn left onto Fox Hill Road to access the main entrance.

**From Route 46 East:** Proceed to the signs for Denville. Follow signs for Route 53 South. MCST is at the third traffic light on the left hand side. The school is located at the corner of Route 53 and Fox Hill Road. Turn left onto Fox Hill Road to access the main entrance.

**From Route 287 South:** Take Exit 39 (Signs read Route 10 West – Dover/Route 10 East – Whippany). Proceed onto Route 10 West (Dover) to Route 53 North. MCST is at the 3rd traffic light on the right hand side. The school is located at the corner of Route 53 and Fox Hill Road. Turn right onto Fox Hill Road to access the main entrance.

**From Route 287 North:** Take Exit 39 (Signs read Route 10 West – Dover/Route 10 East – Whippany). Proceed onto Route 10 West (Dover) to Route 53 North. MCST is at the 3rd traffic light on the right hand side. The school is located at the corner of Route 53 and Fox Hill Road. Turn right onto Fox Hill Road to access the main entrance.