Chair’s Message

I have been through hundreds of welding shops in my career and the majority have not scored very high on the safety chart. My Chairman’s message for October will take us on an imaginary walk-through of one of the worst offender’s shop (name changed to protect the innocent).

“Vince, it’s great to see you. Will you take a walk with me a take a look at my cutting machine? I believe I’m going through too much oxygen.”

“Sure thing, Ralph, and speaking of oxygen, I see that you store your oxygen and fuel gas together. OSHA regulations state they must be stored a minimum of 20 feet apart. And, by the way, I see an oxygen cylinder with grease all over it. I’m sure you know that oxygen plus grease equals fire plus explosion!”

“Yes, Vince, I’ve heard about that. My foreman told me AGL delivered the tank like that.”

“No, Ralph, we didn’t; and I think you need a new foreman. Look at all of your welding stations. Your welders have their Mig and Tig torches draped over the argon and C25 cylinders. An accidental arc strike on the cylinder can weaken the cylinder wall to the point where the cylinder could rupture. And Ralph, I don’t see any fire extinguishers at your welding stations. NFPA regulations require that fire extinguishers must be readily accessible in all hot work areas.”

“Oh, Ok, Ok, can we please get to my cutting machine?”

“We can, and I can see from here that your top notch foreman has cutting tips installed for cutting 5-inch plate and you’re doing a job on 1/2 inch. By the way, the torch hoses on your cutting machine all have dry rot.”

Vince Murray
AGL Welding Supply Company, Inc.
AWS NJ Section Chairman
vmurray@aglweldingsupply.com
October 21st Meeting Info

Understanding Welding Process Variables for Gas and Self-Shielded Flux Cored Wires

Speaker: Jay L. Ginder, CWI, CWE, Sr. Application Engineer
ESAB Welding & Cutting Products

Jay will explain the welding process variables for gas and self-shielded flux cored wires and why understanding these variables is important in achieving the best FCAW results. He will also address the soon to be mandatory AWS 5.36/A5.36M specification, which will be combining AWS A5.20 Carbon Steel, A5.29 Low Alloy wires and moving the Metal Core wires from the A 5.18 specification all into one universal specifications.

This presentation will cover:
- Process variables of gas and self-shielded flux core wires
- The weldability and mechanical property differences of gas and self-shielded wires of today
- How the AWS 5.36/A5.36M specification impacts FCAW

A question and answer session will follow the presentation.

Jay L. Ginder is Senior Application Engineer with ESAB Welding & Cutting Products. Jay has 39 years of experience in the welding industry. He began his career as a welding application engineer, advanced to sales management, and returned to application engineering in 1996, specializing in welding/cutting equipment and filler metals. Jay works directly with end users on welding applications and provides technical training and technical support for ESAB welding equipment and consumables. Over the course of his career, Jay has been weld certified to ASME, nuclear, ABS, and military standards in the GTAW, GMAW, SMAW and FCAW processes. He holds AWS CWI and CWE certification and has been an AWS member for 36 years.
Member News

Changed companies? Received a promotion? Share your news and achievements with other NJ Section members by sending it to the newsletter.

Email to: grillonpkg@comcast.net
Subject: AWS NJ Section News

Welding Education and Career Night

January 20, 2016

The American Welding Society NJ Section is proud to announce it’s first Welding Education and Career Night. This event is ideal for anyone with an interest in pursuing a career in welding. Whether you are a high school student, high school graduate, fresh out of college or the military, a person who wants or need to add to their skill set, or someone looking to change jobs and go in a new career direction, you are welcome to attend this informative presentation.

All are invited! Potential students will be able to view displays and gather information from a variety of different organizations, interact with the educators, and network with other welding professionals in attendance.

Representatives from at least three major construction unions (Ironworkers, Pipefitters and Sheet Metal Workers) will be on hand, as well as numerous post secondary welding schools and private training organizations.

Note: If you are a welding education service and wish to participate with a display, please contact:

Donald Smith, Program Chair:
hielanddonald@earthlink.net

Fabtech 2015

November 9-12 in Chicago
Register by 11/6 for Free Admission

North America’s largest combination metal forming, fabricating, welding and finishing event will be held at McCormick Place, 2301 S. Martin Luther King Dr., Chicago, IL.

Over 1500 exhibitors are expected to cover more than 500,000 square feet throughout the A., B, and C buildings of the Congress. Over 100 educational sessions and presentations will also be held. 40,000 attendees are expected.

Free Admission — You will get free admission when you register by November 6th. For complete information about the event, please visit the website at:

www.fabtechexpo.com
New: The Code Clinic

Prior to each meeting, we will hold an informal clinic to discuss the nuances and pitfalls of various codes starting with D1.1.

We will gather for a half-hour between the Executive Board meeting and the dinner. All are welcome.

Jim Dolan, CWI, Education Chairman

Participate

Get Involved to reap more benefits

You are welcome and encouraged to become an integral part of the AWS NJ Section community. Come on out, attend meetings and activities, share your ideas, jump onto committees, take part in courses and activities.

Don’t be put off by thinking that increasing your participation will required a great deal of time; that’s not necessarily true. There are many ways to be involved with the NJ Section that do not require a lot of time, but can make a huge contribution regardless. For example: you could assist at an event - be a supervisor or speaker at a workshop or event - donate some materials - judge a student contest - take some photos at a meeting or event - sponsor a door prize - give a technical talk - suggest some newsletter sponsors, etc. There are plenty of things that need to be done, and numerous opportunities for contributions of all sizes and kinds.

You can gain valuable experience for your resume, plus earn valuable Professional Development Hours just for attending the regular meetings. How easy is that? Anyone can do it!

Working together, we can help make a brighter future in the welding and related industries for everyone. Start with the October 21st meeting. Come out, meet some people and get yourself involved.

—AWS NJ Section News October, 2015—

Industrial, Specialty and Medical Gases
You can count on PRAXAIR for knowledgeable technical assistance and fast customer service for any welding or cutting application.
1-800-942-1148 • www.praxair.com

Promotional Inserts
Your 8 1/2" x 11" promotional flyer can appear as a full page insert in any issue of the newsletter. It’s an effective and economical way to announce an open house, launch a new product, or to promote your company’s services. Issue dates are available on a first-come, first-served basis for seasonal or tie-in promotions. For details and issue reservations, call: 732-994-1352, or email: grillonpkg@comcast.net

Support AWS Sponsors
Coming Events

AWS NJ Section Meetings are held on the 3rd Wednesday of each month from September through May except during the month of December. Unless otherwise posted, the meeting location is: Pantagis Renaissance/ Snuffy’s Clambar, 250 Park Ave., Scotch Plains, NJ. Guests are welcome.

October 11 - 17, 2015
AWS CWI Seminar & Exam
PSEG Power, LLC
South Plainfield, NJ
www.aws.org

October 21, 2015  6:00pm
AWS NJ Section Meeting
“Understanding Welding Process Variables in Gas and Self-Shielded Flux Cored Wires”
Mr. Jay Ginder, CWI, CWE  ESAB Welding & Cutting Prod.

November 9-12, 2015
Fabtech 2015
AWS Annual Convention/Show
McCormick Place
Chicago, IL
See article on page 3

November 18, 2015  6:00pm
AWS NJ Section Meeting
“MagneGas”
Mr. Spyro Vassiliou  MagneGas Corp.

No meeting held in December

January 20, 2016  6:00pm
AWS NJ Section Meeting
Welding Education & Career Night

February 17, 2016  6:00pm
AWS NJ Section Meeting
Awards Night
“Robotics”
Mr. Ken Hyun, Motoman

March 16, 2016  6:00pm
AWS NJ Section Meeting
“Magic of Mechanization”
Mr. Chip Cable, Bug-O-Systems

Programs & speakers are subject to change. If your company would like to present a welding related technical program please contact us at: weldnj@optonline.net

Become a Sponsor

This newsletter is made possible through the generous support of our Sponsors. Please consider becoming one. Just call: 732-994-1352

NJ Section Contact info:
Website: www.aws.org/sections/newjersey
Send emails to: weldnj@optonline.net
Mail correspondence to:
AWS NJ Section, c/o Jim Dolan,
169 Clover Hill Rd., Millington, NJ 07946

Newsletter Contact info:
Publisher/Editor: Patricia Grillon
PKG Business Promotion
Email: grillonpkg@comcast.net
Phone: 732-994-1352

Connect

Made a change? Have a position to fill? Launching a new service? Found a helpful website? Share your news and information with other AWS NJ Section members by sending it to the newsletter:

Email to: grillonpkg@comcast.net
Subject: AWS NJ Section News

---AWS NJ Section News  October, 2015---