



In this issue:

p. 2 Next Meeting Wednesday
January 21, 2015

“Globally Harmonized System of Classification and Labeling of Chemicals”
Mrs. Lisa Byall
The Lincoln Electric Co.

Location:
Pantagis Renaissance/Snuffy’s

p. 3. Become a Sponsor

p. 4. October 2014 CWI Seminar/Exam Report & Photos

p. 5. Coming Events/Contact info

Chair’s Message

Happy New Year to all. Hoping it is a safe and profitable one for all. Come out and join us for a meeting — we have a lot planned for the new year.

Paul Lenox, CW, CWI, AEIS
AWS NJ Section Chairman

At the Last Meeting November 19, 2014

“Hot Wire Welding”
August F. “Gus” Manz, A.F. Manz Associates



A 5 to 7 foot snowfall in upstate New York derailed our original November presentation by Don Burgart of Koike-Aronson. It is now scheduled for February 18th.

Gus Manz graciously stepped in and gave a very informative presentation. Gus Manz is known for his many contributions to welding and cutting. An Electrical Engineer, he has over 30 welding patents. He is the inventor of the “HOT WIRE” welding processes <Hot Wire Gas Tungsten Arc Welding (GTAW), Hot Wire Plasma Arc Welding (PAW), etc.>, “One Knob” Gas Metal Arc Welding (GMAW) that has evolved into “Synergic Welding” and the GMAW power supply with slope, voltage and inductance control. In 1993 he was inducted into the New Jersey Inventors Hall of Fame. He established A.F. Manz Associates in 1986, Consultants in Welding Technology and Safety.

A member of many American Welding Society (AWS) committees, he is a past N.J. Section Chairman, past District Two Director, past Director-at-large, a Life Member and a Fellow of the AWS. He is the chairman of the American National Standard committee “ANSI Z49.1 Safety in Welding, Cutting, and Allied Processes” and a past chairman of the National Fire Protection Association committee “NFPA 51B Standard for Fire Protection during Welding, Cutting and other Hot Work”

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

★★★★ Yahoo!® 5-Star Rated



CYBERWELD

“Weld with your mouse”

Easy, fast, safe online shopping for premium welding supplies

Free Shipping

- Welding Equipment
- Plasma Cutters
- Filler Metals
- Welding Accessories
- Safety Equipment
- Clothing & Gear

www.cyberweld.com

Brought to you by:
J.W. Goodliffe & Son, Inc.
1900 E. Elizabeth Ave., Linden, NJ 07036
Phone: 800-419-0580 • Fax: 908-486-9366
A name you've trusted for over 75 years

Accurate indication. Reliable results.™



Tempilstik
TEMPERATURE INDICATOR

Tempil

800.621.4025
LA-CO Industries, Inc.
1201 Pratt Blvd.
Elk Grove Village, IL 60007
Family owned and operated since 1934.

The original temperature indicating crayon.

Newsletter Information

New Jersey Section News is the official publication of the AWS NJ Section. Publisher and AWS do not assume responsibility for statements of claims made by manufacturers or their agents. Please direct all newsletter editorial and Sponsorship inquiries to the publisher:

PKG Business Promotion Phone: 973-396-6952 E-mail: grillonpkg@comcast.net

© 2015 PKG Business Promotion

- Come out ▪ Earn Professional Development Hours ▪ Make valuable contacts ▪ Gain knowledge ▪



New Jersey Section January Meeting Info

Globally Harmonized System of Classification and Labeling of Chemicals

Lisa M. Byall, Portfolio Manager, Industrial Products
The Lincoln Electric Company

DATE: Wednesday
January 21, 2015

LOCATION:

Pantagis Renaissance/
Snuffy's Clambar
250 Park Ave. (at Mountain Ave.)
Scotch Plains, NJ 07076
908-322-7726
www.pantagis.com

PROGRAM:

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

DINNER COST:

Members & Guests: \$ 25.00
Students: \$ 15.00

The intent of this presentation is to describe and educate on GHS – the Globally Harmonized System of Classification and Labeling of Chemicals, why it was developed, how it relates to managing chemicals, and how this specifically relates to the welding industry and consumers of welding consumables. The discussion will begin with what GHS is and why it was developed, and why the international mandate. GHS was formed to define environmental, health, and safety (EHS) issues and hazards with chemicals, to create a classification process for chemicals, and communication of this hazard information. It is an internationally recognized system which provides a consistent format to communicate health and safety information.

What is the timeline and what are the benefits of GHS? The timeline is fluid for specific components of GHS, and many are a work in progress. OSHA adopted the GHS guidelines in 2012. Compliance is required by June 1, 2015 for product labels, packaging, and MSDS sheets. The basic goal of hazard communication is to ensure employers, employees, and the public are provided with accurate and consistent information on the hazards of chemical so that they can take educated measures to protect themselves and others. What are the benefits to individuals? What are the benefits to companies? What are benefits to the public? Each of these will be discussed and include some of the following: Improved safety and awareness, safer work environment, reduced costs and higher productivity, and improved corporate image and reputation.

GHS will impact existing regulations and requirement specifically to packaging, labeling and MSDS conversion to SDS. Why the original need for MSDS? Since 1985, the Occupational Safety & Health Administration

(Continued on page 3)

Keep Current

Please keep your contact info current at AWS National Headquarters. Log in to the website at: www.aws.org Click on "My Account" then click on "Address" to update your email and other info; or just call AWS Member Services at: 800-443-9453 ext. 480.

—AWS NJ Section News January, 2015—

Industrial Welding Supply, Inc.

67th ANNIVERSARY
Est. 1947

LINCOLN SERVICE CENTER

All Warranty Work
Stock Parts **732-721-1155**

Welders Parts & Service Division

MAIN OFFICE
4VAL STREET • SAYREVILLE, NJ 08872
732-721-1150 • FAX: 732-721-8076

ATLANTIC OFFICE
999 AIRPORT ROAD • LAKEWOOD, NJ 08701
732-367-7100 • FAX: 732-367-6953

www.weldingsupplynj.com

SOS GASES INC.

INDUSTRIAL & RESEARCH GASES

- Acetylene • Gas Mixtures • Nitrogen
- Argon • Helium • Oxygen
- Carbon dioxide • Hydrogen • Propane

ARC, MIG, TIG
Welding Equipment,
Supplies, Rentals & Repairs
Call for Specialty Gas

CYLINDER, TUBE TRAILER & BULK DELIVERIES

TOLL FREE: 800-626-7998 WWW.SOSGASESINC.COM
PHONE: (201) 998-7800
FAX: (201) 998-5243 SOSGASESINC@MSN.COM

Remote Vision Inspection Systems & NDT Equipment

Observe Automated Welds with the Weld-i 1000 Video Monitoring System!

Check alignment & verify the quality of TIG, PAW, MIG and Laser weld processes in real-time. Our color video system provides a detailed view of inaccessible areas—the torch, weld joint, puddle and feed wire.

weld@intertest.com
908-496-8008
www.intertest.com
303 State Route 94 • Columbia, NJ 07832

**Get more involved in AWS—
Join a NJ Section committee**

Dennis Mead CWS, District Manager
dmead@millerwelds.com

ITW Welding North America www.ITWwelding.com
226 Cosmen Street, Washington Township, NJ 07676
Mobile: 201-417-7399 Fax: 877-806-0899

Support
AWS NJ Section News
Sponsors

G. COTTER ENTERPRISES
www.gcotter.com ▪ 973-376-5840

- Join a Committee
- Work with industry experts
- Build experience
- Acquire new skills

January 21, 2014 program info & Lisa Byall bio

(Continued from page 2)

OSHA) regulations have required manufacturers to provide SDS for each chemical product that it sells, including arc welding consumables.

The SDS provides industrial hygienists, employers, workers, emergency response personnel, health and safety professionals with information about: what is in the product, the potential hazards of exposure and use and how to safely handle, work with and dispose of the product.

Specifically we will take a look at a current MSDS sheet for welding electrodes and the requirements. There are 7 brief sections to an MSDS sheet that include identification, hazardous material, hazard data, health hazard data, reactivity data, and control measures and precautions for safe handling and use. In order to comply with the GHS, MSDS sheets will convert to a 16 section SDS. We will take a look at the 16 sections, briefly, as they include general information, hazards identification, first aid measures, handling and storage, as well as ecological and disposal information.

The consumer has the right to this information and it is the responsibility of the seller to the end user to supply this information. We will discuss how this information will get disseminated and how to get the SDS and more information regarding SDS and GHS. Manufacturers of welding consumables are taking proactive steps to not only ensure compliance but also to educate and safeguard the consumer. One such measure is the implementation of a safe use guide, SUG. We will discuss a SUG and benefits to the customer. We will conclude by discussing next steps and the future outlook for GHS.

Lisa M. Byall received her B.S. in Chemical Engineering from Penn State University in 1992 before starting her career at Lincoln. Lisa started her career as a Technical Sales Rep in Cleveland, where she spent her first four years of her career. After Sales, she spent her next five years as a Technical Trainer and writing welding curriculum for education. Her legacy in the training department was writing curriculum that is used throughout the industry, *No Teacher Left Behind*.

Lisa spent the balance of her tenure at Lincoln Electric on the Product Management side of the business, having responsibilities in nearly every product portfolio and moved into managing the Industrial Product Management team. Lisa is the proud mother of three children who keep her even busier than her career. She is also an avid reader and sports fan.

You can reach Lisa at:
lisa_byall@lincolnelectric.com.

Become a Sponsor

Our Sponsors, many of whom have been with us since the beginning over 25 years ago, make this newsletter possible. We sincerely thank them for their ongoing support and encourage you to support them with your patronage in return.

Please consider becoming a Sponsor. In addition to the newsletter, sponsorships also help to support the NJ Section's website; member email program; and other forms of communication. Sponsorships run for an entire year, include a display ad in each issue, online web links, profile editorials, and some exclusive discounts and promotional benefits.

For complete information, email: grillonpkg@comcast.net

—AWS NJ Section News January, 2015—

AGL WELDING SUPPLY CO., INC.
Certified ISO 9001:2008
"Quality and Service You can Rely on Since 1920"
973-478-5000
 Fenelon Building • 600 Route 46W
 Clifton, NJ 07015
www.aglweldingsupply.com

AEIS Tel: 732 388 7711
 www.aeisndt.com
 Our Professional Knowledge Your Business Advantage

- Welding & NDT Inspections
- Metallurgical Testing
- Welding Procedures
- Welder Certification
- Failure Analysis
- CWI & NDT Training
- Welding & NDT Consultation

ATF ISO 17025 LAB
 Accredited Test Facility NYC SPECIAL INSPECTION AGENCY

IAS ACCREDITED

North East Regional Office
 15 E. Uwchlan Ave., Suite 418, Exton, PA 19341-1258
 Ph: 610-524-4600 • Fax: 610-524-4646

Philadelphia District Manage, NJ & NYC: Bobby Delcoco
 New Jersey & NYC: Seann Bradley, Sr. Sales Engineer
 Cell: 732-841-6951
 Seann_bradley@lincolnelectric.com

New York: Greg Conners, Sales Engineer
 Greg_conners@lincolnelectric.com

Lincoln Electric is the largest manufacturer of welding equipment & consumables

LINCOLN ELECTRIC
 THE WELDING EXPERTS®

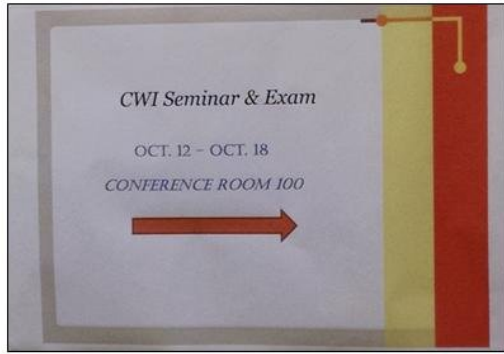
COUNTY WELDING SUPPLY CO.
 Serving Northern NJ since 1962
 Miller VICTOR
 If you're buying from another distributor we are both losing money!
 973-366-2320
 Fax: 973-366-1356
www.countyweldingsupply.com

**Get more involved in AWS—
 Join a NJ Section committee**

**Support
 AWS NJ Section News
 Sponsors**

800.346.5368
Inweld
 Welding Alloys & Supplies
 InweldCorporation.com

- Expand your network ▪ Suggest a Program ▪ Propose an Activity ▪ Advance your Career ▪



October, 2014 CWI Seminar & Exam

The CWI Seminar and Exam was held October 12 - 18, 2014 at the PSEG Power, LLC Fossil Training Center facility in South Plainfield, NJ. There were 44 candidates in attendance for the exam.

Test supervisors and proctors included **Robert Petrone**, *CWI Services, LLC*; **Eric Dolan**, *Dolan Associates*; **Alfred Fleury**, *A.F. Fleury Associates*; **Paul Lenox**, *AEIS*; and **James Dolan**, *Dolan Associates*. The AWS NJ Section acknowledges these members and thanks them for their assistance.

Special AWS NJ Section thanks to PSEG for providing their facilities for the event.

The AWS NJ Section congratulates Mr. Herbert Browne, *Morris County Technical Institute*, and welcomes him to the esteemed rank of Certified Welding Inspector.



Photos courtesy of:
Eric Dolan, *Dolan Associates*

—AWS NJ Section News January, 2015—

Become a Sponsor

Promote your company while supporting the NJ Section with needed funding for this newsletter, the website and other ongoing forms of communications.

For complete info email:
grillonpkg@comcast.net



BRANCH TESTING LABS, INC.

RADIOGRAPHIC • ULTRASONIC • MAGNETIC PARTICLE
PENETRANT • VISUAL LEAK TESTING • EDDY CURRENT

32 SOUTH AVE. W.
CRANFORD, NJ 07016
(908) 272-5743
FAX: (908) 272-5773

PENNSVILLE :AUBURN RD.
CARNEYS POINT, NJ 08069
(856) 299-9501

Creative Services & Solutions



PKG Business Promotion

Concepts • Copy • Content • Consults
Brand/Identity • Graphics • Social Media

Call or email for free initial consultation

973-396-6952 Email: grillonpkg@comcast.net

HoHoKus School
OF TRADE & TECHNICAL SCIENCES

- Building Maintenance
- Electrical Apprenticeship
- Manufacturing Technology
- Plumbing Apprenticeship
- Welding

800-646-WELD
www.eastwick.edu/trades
634 Market St., Paterson, NJ

Support AWS Sponsors



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: 973-396-6952, or email: _grillonpkg@comcast.net

- Participate ▪ Meet other industry people ▪ Share Ideas ▪ Keep up with new technology ▪

2014 - 2015 AWS NJ Section OFFICERS

Chairman: PAUL LENOX, CW, CWI, AEIS
 Vice-Chair: VINCE MURRAY, AGL Welding Supply Co., Inc.
 Secretary: GEORGE SHEEHAN, Ret. Union County Vo-Tec
 Treasurer: ALFRED FLEURY, A.F. Fleury Associates

EXECUTIVE COMMITTEE

<i>Term through 2015</i>	<i>Term through 2016</i>
LARRY ABERNETHY BASF Union Engine Labs	STEVEN DAGNALL Praxair
ERIC DOLAN CWI Dolan Associates	AUGUST MANZ A. F. Manz Associates
DAVID GRIEP Passaic County Tech Inst.	ROBERT PETRONE CWI CWI Services, LLC
DONALD SMITH Somerset County Voc-Tech	KEN STOCKTON CWI PSEG
<i>Sr. Past Chairman</i> JAMES DOLAN CSP,CWI Dolan Associates	<i>Jr. Past Chairman</i> HERB BROWNE Morris County Technical Inst

STANDING COMMITTEES & SPECIAL OFFICES

Awards BOB PETRONE CWI CWI Services, LLC	Membership ROB CARROLL Maxum Industrial, LLC
Certification ERIC DOLAN CWI Dolan Associates	Publicity ERIC DOLAN CWI Dolan Associates
Communications AL FLEURY A.F. Fleury Associates	KEN STOCKTON CWI PSEG
Education/Student Activities JAMES DOLAN CSP/CWI Dolan Associates	Technical Program JAMES DOLAN CSP,CWI Dolan Associates
GEORGE SHEEHAN Union County Voc-Tech	AL FLEURY A.F. Fleury Associates
Hospitality STEVE DAGNALL Praxair	DONALD SMITH Somerset County Voc-Tech
District 2 Director HARLAND W. THOMPSON CWI Underwriters Laboratories	Safety & Health, Historian, Technical Rep, GUS MANZ A.F. Manz Associates

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 to attend.

January 21, 2015 6:00pm
 AWS NJ Section Meeting
Globally Harmonized System of Classification & Labeling of Chemicals
 Lisa M. Byall, *The Lincoln Electric Co.*

April 15, 2015 6:00pm
 AWS NJ Section Meeting
TIG Welding
 Mr. Thomas Calandrillo, President
Ceramic Nozzles

February 18, 2014 6:00pm
 AWS NJ Section Meeting
 "Awards Night"
Cutting/Welding/Positioning Equipment and Solutions
 Mr. Donald Burgart, Weld Prod Mgr.
Koike Aronson, Inc.

May 20, 2015 6:00pm
 AWS NJ Section Annual Meeting
 Student Recognition Night
Location: Somerset County Vocational-Technical High School
Careers in Welding
 Mr. Paul Lenox, CW, CWI,
AEIS

March 18, 2015 6:00pm
 AWS NJ Section Meeting
Resistance Welding
 Mr. Neils Johnson, Technical Mgr.
Lors Machinery/Resistance Welding Solutions

Programs & speakers subject to change. Check for calendar updates in subsequent issues.

Classified Ads

Help Wanted and other classified ads are available free to members and member companies. Just email your text to: grillonpkg@comcast.net

Your ideas and input are always welcome. If your company would like to present a technical program concerning a welding related topic, please contact us.

Visit the NJ Section website at: www.aws.org/newjersey



AWS New Jersey 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: 973-396-6952

—AWS NJ Section News January, 2015—

Comedy Night Fundraisers
 easy - effective - enjoyable

Laughter brings people together like nothing else can

— Comedy is a Special ty —

Hosts/MCs, comics & complete custom shows for benefits, parties, reunions, roasts & other events

Four Fourteen Entertainment

Just email to discuss the possibilities

Email: fourfourteen@comcast.net

"Like" us on Facebook —

www.facebook.com/fourfourteenentertainment

Call or check online for current public shows

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

NJ Section News Benefactors

Al Fleury, A. F. Fleury Associates

Gus Manz, A. F. Manz Associates

Bob Petrone, CWI Services, LLC

We acknowledge and thank these members for their ongoing support.

For info on how you can become a NJ Section Benefactor or Sponsor call 973-396-6952, or email: grillonpkg@comcast.net