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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

Chair’s Message

As summer comes to a close, it’s that time of year to start our AWS NJ Section meetings again. This year we have a good line up of technical programs that each of us can benefit from.
Be sure to come out to the meetings; you never know what you may learn, or who you might meet. Enjoy the rest of the summer.

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

CWI Seminar & Exam

Seminar: October 12 - 17, 2014
Exam: October 18, 2013

★★ The AWS application deadline is September 8, 2014 ★★
Location: PSEG Power, LLC. Fossil Training Center
40 Cragwood Rd., South Plainfield, NJ 07080
Participating Hotel: Red Roof Inn, 860 New Durham Rd, Edison, NJ 08817
Note: Hotel reservations also needed in advance—call 732-248-9300
To take the Exam, you must submit a completed Exam application before the deadline. For full information about requirements, pricing, and online registration, go to the AWS website: www.aws.org - Click on “Certification” then follow the appropriate application links. For questions, call AWS Certification: 800-443-9353 ext. 273. The Event ID is: NJ16814.
Note: All re-exam candidates applying for the second or third retest (or after the one year grace period), must provide 40 hours of additional training prior to being accepted to the exam site. This information (proof of earlier training or confirmation letter for seminar scheduled just prior to the exam date) must be received no less than two weeks prior to the scheduled exam date. Candidates who fail to provide this documentation will not be allowed to take the exam.
Thermit® Welding – Live Demo & Presentation
“How do we weld rail road tracks? – A training overview”

Speaker: Randy Dry, Orgo Thermit, Inc.

Exothermic Welding, also known as Thermit® Welding, was developed by Professor Hans Goldschmidt around 1895. In exothermic welding, a chemical reaction is used to obtain: a). Free elemental iron that is alloyed to produce a steel of defined chemical composition. b). Aluminum oxide, which is less dense that the steel, floats on top of the steel as a slag. c). A large amount of heat is released that melts the parts to be joined.

The chemical reaction that produces the heat is an exothermic reaction between aluminum powder and a metal oxide.

Thermit® is a registered trademark, and Thermit® welding is widely used all over the world to weld railway rails. One of the first rail roads in the USA to evaluate the use of Thermit® welding was the Delaware Hudson in 1935.

To obtain sound railway welds, the ends of the rails to be Thermit® welded are preheated with a preheating burner to an orange heat, to ensure the molten steel is not chilled during the pouring process.

A live demonstration of the Thermit® welding process will emphasize the suitability of the process for welding rail road tracks.

Randy Dry is the Director of Field Services for Orgo Thermit Inc. One of his responsibilities, as his job title implies, is overseeing the training of Thermit® welders in the field. He brings over 34 years of experience in operation and maintenance management, primarily focused on power generation and metal fabrication. Randy is a retired from the navy, where one of his jobs was managing the engine room on an aircraft carrier.

Visit their website at: www.orgothermit.com

---AWS NJ Section News September, 2014---
Welding Merit Badge

Twelve more Boy Scouts from the Patriots’ Path Council were able to complete the requirements for their Welding Merit Badge:

Joe Conant
Colin Elgarten
Tyler Feret
Trey Helman
Jonny Homa
James Kennedy
William Mc Cartney
Tim Robinson
Matthew Sidorovich
Forrest Szuch
Luke Warbeck
Patrick Whalen

Congratulations to the Scouts! Thanks to Herb Browne, the Morris County School of Technology, the MCST AWS Student Chapter, and the AWS New Jersey Section for supporting this activity.

Professional Development Hours — Yours for the Taking!

One of the additional benefits of attending AWS NJ Section meetings is that you can earn credits toward professional development hours (PDHS) just by attending them.

This is very valuable and convenient for those whose careers require continuing education. It is especially important to Welding Instructors and Certified Welding Inspectors. They can be applied toward the hours needed for Instructor certifications or nine year CWI re-certifications.

Certificates are given out right at the meetings.

Planning ahead: The Patriots’ Path Council Boy Scouts of America will be hosting a Jamboree with 5,000 youth in attendance on the weekend of October 2-4, 2015 at Liberty State Park. It’s their first overnight Jamboree in over a decade. The focus will be on S.T.E.M. subjects. If you or your company would like to participate or contribute to the activities, preliminary info can be found at: www.libertyjamboree.ppbsa.org

Fabtech 2014

November 11-13 in Atlanta

North America’s largest combination metal forming, fabricating, welding and finishing event will be held at the Georgia World Congress Center, 285 Andrew Young Int’l Blvd. NW, Atlanta GA.

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. 27,000 attendees are anticipated.

For complete information about the event, please visit: www.fabtechexpo.com
Welding Workshop for Veterans Contributors

Special AWS NJ Section thanks to the individuals and companies who contributed to and supported this special event held July 7-17, 2014 at the Morris County Vocational School District. Report & photos on page 5.

AWS NJ Section

Miller Electric Company
Training video—welding metallurgy
Mr. Dennis Mead
www.ITWwelding.com

Intertest Inc.,
303 Route 94
Columbia, NJ 07832
Mr. Larry N. Tourjee
www.intertest.com

J.W. Goodliffe & Son, Inc./Cyberweld
1900 E. Elizabeth Ave.
Linden, NJ 07036
Mr. Bob Goodliffe
www.cyberweld.com

Mettab Metals, LLC
560 Freeman St., Orange, NJ 07051
Mr. Jim Murray
www.mettabmetals.com

R.S. Phillips Steel, LLC
128 Lake Pochung Rd.
Sussex, NJ 07461
www.rsphillipssteel.com

AGL Welding Supply Co., Inc.
600 Rt. 46, Clifton, NJ 07015
Mr. Vince Murray
www.aglweldingsupply.com

Mr. Harlan Thompson
AWS District 2 Director

Mr. Alfred F Fleury
Bound Brook, NJ

County Welding Supply,
69E. Dewey Ave., Wharton, NJ 07885
Mr. Matthew DeCrosta
www.countywelding.com

Industrial Welding Supply
4 Val St., Sayreville, NJ
Mr. Bill Dallas
www.weldingsupplynj.com

The Heritage Grill
18 Broadway, Denville, NJ
Ms. Gail Redmond
www.heritagegrill.com

The Café Pierrot
19 Sparta Ave., Sparta, NJ
www.cafepierrot.com

Catering by John
98 U.S. Hwy 46
Rockaway, NJ 07866

Global Partners in Shielding, Inc.
90 Dayton Ave., Passaic, NJ
Mr. Kenneth Meyerdierks
www.shieldingsystems.com

Public Service Electric & Gas Corp.
Sewarren, NJ
Mr. Kenneth Stockton
www.pseg.com

Dolan Associates, Inc.
71A Holland Rd., Wantage, NJ
Ms. Margaret Dolan

Spruce It Up Lawn Care
15 Sage Dr., Warren NJ
Ms. Bonnie Heuvelman

—AWS NJ Section News  September, 2014—
Report: Welding Workshop for Veterans

At the free welding workshop for Veterans held July 7-17, 2014 at Morris County Vocational School District, ten participants were trained on welding safety, welding metallurgy, GMAW, GTAW and Plasma cutting. Participants also welded and prepared test coupons to AWS D1.1 requirements.

Special Thanks to the instructors:

Jim Dolan, Dolan Associates, Inc.
Herb Browne, MCVSD
George Sheehan, Retired, Union County Voc-Tech School
Bob Petrone, CWI Services, LLC
Don Smith
Somerset County Voc-Tech School
Ken Stockton, PSEG Corp.

And also to those who assisted:
Scott Maslow
Kyle Dolan

Congratulations to all the participants!
### Classified Ads

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

### Coming Events

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

**September 17, 2014  5:30pm**
**AWS NJ Section Meeting**
Location: G. Cotter Enterprises 48 Brown Ave, Springfield, NJ

“Do we weld rail road tracks?”
Mr. Randy Dry, Orgo-Thermit, Inc.
(See page 2)

**October 12-18, 2014**
AWS CWI Seminar & Exam PSEG Training Center (see p 1)

**October 15, 2014  6:00pm**
**AWS NJ Section Meeting**
Sub-Arc Welding & Flux Recovery Systems
Mr. Tom Less, President Weld Engineering Co., Inc.

**November 19, 2014  6:00pm**
**AWS NJ Section Meeting**
Cutting/Welding/Positioning Equipment and Solutions
Mr. Donald Burgart, Weld Prod Mgr. Koike Aromon, Inc.

**January 21, 2015  6:00pm**
**AWS NJ Section Meeting**
Global Harmonization System/Safety Data Sheets
Mr. Sean Bradley, Lincoln Electric Co.

**February 18, 2015  6:00pm**
**AWS NJ Section Meeting**
Family Night
Magic of Mechanization — Technical Talk mixed with Magic
Mr. Chip Cable, President Bug-O-Systems/Weld Tooling Corp.

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

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

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

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**Comedy Night Fundraisers**

*easy · effective · enjoyable*

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Call or check online for current public shows

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**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

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**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 973-731-2967, or email: grillonpkg@comcast.net

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**AWS New Jersey Section Contact info:**

Website: [www.aws.org/sections/newjersey](http://www.aws.org/sections/newjersey)
Send emails to: [weldnj@optonline.net](mailto:weldnj@optonline.net)

Mail correspondence to:
AWS NJ Section, c/o Jim Dolan,
169 Clover Hill Rd., Millington, NJ 07946

Website: [www.aws.org/sections/newjersey](http://www.aws.org/sections/newjersey)

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AWS NJ Section News September, 2014