In this issue:

p. 1 Can you pass the test?

p. 2 Next Meeting Wednesday November 18, 2015 “The Advantages of MagneGas” Mr. John McElroy MagneGas Corporation Location: Pantagis Renaissance Scotch Plains, NJ

p. 3 Fabtech 11/9-12 Chicago Register by 11/6 for Free Admission At the Meeting 9/16/15 Professional Development Hours—The Easy Way

p. 4 2015 CWI Seminar Report The Code Clinic - 11/18/15

p. 5 Coming Events Classified ads available Contact info

Chair’s Message Can you pass the test?

I’m getting the feeling that no one is reading my Chairman’s message so I’ve decided to make the membership an offer that you can’t refuse. Take this quiz. The first member that gets back to me (email or fax) with a passing grade (80%) will get a free dinner at an upcoming meeting of your choice. (No Board members!) Answer True or False to each question:

1. (T/F) The width (kerf) of an oxy-fuel cut is not a function of the cutting speed.
2. (T/F) In GMAW welding, an increase in electrode (wire) extension results in a decrease in electrical resistance.
3. (T/F) In GMAW, adding small amounts of oxygen to argon will lower the transition current required to achieve spray transfer.
4. (T/F) Argon-5% CO2 is a good shielding gas choice for pulsed spray GMAW welding of steel.
5. (T/F) Short arc stainless steel GMAW welding requires a shielding gas with a 90% helium
6. (T/F) The preferred torch angle for manual GTAW is 15 degrees.
7. (T/F) Zirconium Tungsten electrodes perform poorly in A/C GTAW.
8. (T/F) When SMAW and an Arc Blow condition occurs, switch to A/C current to correct the problem.
9. (T/F) In GMAW, a backhand or drag technique will result in less penetration.
10. (T/F) FCAW is a good choice for increasing deposition rate.

Good luck!
Vince Murray AGL Welding Supply Company, Inc. AWS NJ Section Chairman (vmurray@aglweldingsupply.com) / Fax 973-478-8548

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November, 2015
November 18th Meeting Info

The Advantages of MagneGas®

Speaker: John McElroy, Sales/Product Expert
MagneGas Corporation, Tarpon Springs, FL

John will be talking about the safety aspects of MagneGas versus all the other fuel gases such as acetylene, and propane. He will explain that it is a renewable resource made out of waste liquids, and that it puts off about 12% oxygen instead of carbon dioxide. MagneGas2 is a faster and cleaner cut with an oxygenated flame temp of about 10500 degrees.

MagneGas2 carries the flame temp throughout the entire length of the flame. There are no liquids in the tank; it is all gas, therefore our bottles can be used in any position. Wind does not effect starting of the torch. User no longer have to bury the torch tip in the work material in order to keep the primary flame in contact with the work piece thus prolonging the life of not only the torch tip, but the torch as well.

With 27 years of experience in the welding, fabrication and transportation industries, John McElroy has learned to trouble-shoot many different types of problems that have come up over the years. He has been with MagneGas for the past three years and does much of the training on MagneGas2 with potential customers and companies. He is based in Florida.

MagneGas Corporation is a technology company (NASDAQ: MNGA) that counts among its inventions, a patented process that converts liquid waste into hydrogen based fuels.

Visit their website at: www.magnegas.com

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: grinlonpkg@comcast.net
Subject: AWS NJ Section News

—AWS NJ Section News   November, 2015—
One of the additional benefits of attending the local AWS NJ Section meetings is that you can earn credits toward professional development hours (PDHS) just by being there! 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 recertifications.

Certificates are given out right at the meetings. It doesn't get any easier!

Become a Sponsor

This newsletter is made possible through the support of our Sponsor Companies. The rates are extremely reasonable, so please consider becoming one. For full information, call: 732-994-1352 or email: grillonpkg@comcast.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.

Get Free Admission when you register by November 6th. For complete information about the event, please visit the website at:

www.fabtechexpo.com

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—AWS NJ Section News  November, 2015—

September 16, 2015

At the Meeting

“Building the 9/11 Memorial Monument”

L-R: Speaker Joe Moretti, Service Metal Fabricators with AWS NJ Section Chair Vince Murray, AGL Welding Supply Co., Inc.

Mr. Moretti went into detail about the challenges and “Value-Added” engineering that it took to make the 9/11 Memorial work and be on-time. Particularly in fabricating name plates that required letters with “floating” center pieces.

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—AWS NJ Section News  November, 2015—
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.

Reminder: Join us for The Code Clinic

This season, we are holding an informal clinic prior to each meeting 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. Come and join us at the November 18th meeting.

All are welcome.

Jim Dolan, CWI, Education Chairman

AWS NJ Section News November, 2015
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.

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

November 18, 2015  6:00pm
AWS NJ Section Meeting
“The Advantages of MagneGas”
Mr. John McElroy
MagneGas Corporation.

No technical meeting is held during December

The AWS NJ Section Officers & Executive Committee
wish you a safe and happy holiday season!

Note: Programs & speakers are subject to change.

If your company would like to present a technical program on a welding related topic, please contact us: weldnj@optonline.net

NJ Section News

Al Fleury, A. F. Fleury Associates
Bob Petrone, CWI Services, LLC

We acknowledge and thank these members for their ongoing support.

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