April Technical Night

Thursday, April 11, 2019

Reducing Costs, Complexity and Quality Concerns
Practical Strategies for Large Fastener Welding

Speaker: Dan Cabanaw, Senior Account Manager

Location: CenterLine (Windsor) Limited
Mechatronics Div., • 6290 Morton Industrial Pkwy • Windsor ON N9J 3W3 Canada

Click here for Google Maps

CenterLine (Windsor) Limited newest division, the Mechatronics Div., will be hosting the event. This facility is located within minutes of the Detroit/Windsor border and is part of their facilities campus.

CenterLine’s Dan Cabanaw, Senior Account Manager, will cover the technical content for the evening. Using CenterLine’s extensive experience in designing and building fastener welding systems, this presentation will outline common project management and integration issues faced by machinery builders and will provide suggested improvements to the overall integration process aimed at improving final equipment design, integration and operation. Among the factors covered will be: appropriate fastener selection, part stamping specifications, proper electrode consumable selection, welding schedules, benefits of equipment commonality and other project management considerations.

See map and further location information on page 9

CenterLine (headquartered in Windsor, Ontario) is a Canadian based, privately held, corporation specializing in advanced automation processes and technologies that satisfy resistance welding, metal forming and cold spray application needs. It is established internationally with manufacturing and service support facilities situated in the USA, Mexico, Brazil, Germany, Romania, India and China. With over 60 years of business experience, CenterLine is dedicated to developing technologies and processes that assist customers in maintaining their competitive advantage.

SPECIAL NOTE: Individuals who attend will require a passport or enhanced driver’s license to cross the border.

We welcome members and non-members alike. Students are always welcome and encouraged to join us!

Centerline is located in Windsor, ON, Canada. You will need either a passport or an enhanced, Michigan driver’s license to cross the border into Canada. And, give yourself plenty of time in the event of a delay at the border crossing.
As April approaches, we look forward to the return of our flowered green countryside across South-East Michigan and Ontario. This year is even more special for the American Welding Society as we celebrate our society’s 100th birthday. We look forward to a new century of service to the industry that advances the science, technology, and application of welding and allied joining and cutting processes worldwide. A wartime act of the US Congress established the American Welding Society at the behest of Woodrow Wilson to meet an urgent national need. Ever since then, the AWS has supported the industry through the advancement of technology; the establishment of standards; the certification of welders, inspectors, educators, and engineers; and many other services.

This past month, the AWS Detroit observed our yearly awards night at the Ukrainian Cultural Center. The evening was graciously hosted by RoMan manufacturing. We were honored to award a 25-year service award and a RWMA service award to our own Donald F. Maatz, Jr. (Later this year we look forward to honoring two other snow-bird members after they embark on their yearly migration back to Michigan.) Following our short awards ceremony, we welcomed AWS President-Elect, Robert Roth, as he presented the history and achievements of the American Welding Society.

On April 6th, we eagerly anticipate welcoming the return of spring by observing our yearly Ladies’ Night Gala. This year’s event will again take place at the Motor City Casino Hotel. We are all looking forward to a fun evening of dining, dancing, and fellowship. Later this month we will all receive our yearly e-mailed ballots with the slate of nominated officers and committee members. Please look for your e-mail and electronically vote for your representatives.

At the beginning of next month, we look forward to the yearly High School Welding Competition. The event will take place on May 3rd at Washtenaw Community College. See the AWS Website for details.

Best regards / mit freundlichen Grüßen

Mark D. Gugel, P.E., Ph.D.
Chairman's Message

Ladies Night 2019

On behalf of the AWS-Detroit Section executive committee, we would like to extend an invitation to this year’s Ladies’ Night Gala – our 78th rendition of this gala event. For one evening a year, AWS members, supporters, and guests, step back and celebrate our industry. Ladies’ Night is a great way to renew old relationships, create new ones, and connect with the next generation of AWS supporters. Moreover, we take this time to thank our spouses and friends for their continued support.

The AWS has a global mission to advance the science, technology and application of welding and allied joining and cutting processes, including brazing, soldering and thermal spraying. In this spirit, this gala helps us raise money for scholarships, education, and endowment programs. In 2018-19, the AWS Detroit section gave away grants and scholarships totaling over $94,000 to various welding organizations, plus 30 students from 8 different schools.
2019 AWS – Detroit Section
Ladies’ Night Gala

MotorCity Casino Hotel
Saturday, April 6, 2019
More Information/Registration:
www.AWSDetroit.org

Proceeds support our Scholarship, Education, and Endowment Programs

Join the Fun!
2019 AWS – Detroit Section
Ladies’ Night Gala
Editor’s Notes

It’s April already and soon we will be coming to the close of the 2018-2019 Season. This month, we celebrate our Annual Ladies Night on April 6th. The April tech night will be held at Centerline in Windsor Ontario, Canada, so hope to see some of our Canadian members at that meeting! The May technical meeting will mark the last of the technical meetings until September of 2019. There are still many opportunities however to keep up with the AWS Detroit Section over the summer. Check out some of the events such as the upcoming golf outing in July!

This past year, we’ve seen several of our executive committee members retire from their full-time career positions. One in particular is Daniel Galiher, who retired from Tower International at the end of February. Dan was our AWS Detroit Section membership chair for many, many years, and he has been mentoring Mark Rotary as Mark has taken on this task in the current season. Congratulations Dan!

There are still several opportunities to join the AWS Detroit Section at the April and May technical meetings which are open to everyone! If you know a student, or a student section that may be interested in attending, please encourage them to do so.

Have a great spring, and until next month, Keep on Welding!

~ Robin
**Educational Events and Opportunities**

**THE RWMA RESISTANCE WELDING SCHOOL IS COMING TO MICHIGAN!!!**

The RWMA Resistance Welding School will be hosted at RoMan Manufacturing on May 15-16, 2019 in Grand Rapids MI.

The school is a comprehensive two-day course covering all aspects of resistance welding. The RWMA instructors have been working hard on updating material and some new instructors have been recruited to bring YOU the best of resistance welding technology!

There will also be an opportunity to see RoMan’s updated world class transformer manufacturing facilities.

For more information and a streamlined process to sign up please check out: [www.rwma.org](http://www.rwma.org) and click on Resistance Welding School

Don’t miss this opportunity to get excellent resistance welding education right in your backyard!!! Detroit’s own Don Maatz is one of the instructors for the school! NEED WE SAY MORE!!!!

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**Company Recognition**

CenterLine (Windsor) Ltd., was recognized for overall business performance and sustained growth with the prestigious Canada’s Best Managed Companies Gold Standard Requalified Winner Designation.

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**Career Highlights – Promotions, New Employees**

**CenterLine Appoints Phil Campbell to VP Global Sales and Marketing**

Windsor, Canada, March 5, 2019

CenterLine (Windsor) Limited, a global and award winning leader in fastener and resistance spot welding technology and advanced production systems for the automotive industry, is very pleased to announce that, Phil Campbell has been appointed to the role of VP Global Sales and Marketing. In this new role, Phil will continue to support our CenterLine (Windsor) Limited sales organization and clientele, while collaborating with our CenterLine Global Affiliates (CGA) to grow their business with our shared global customers in their respective international regions.

**CenterLine Welcomes New Corporate Marketing Manager**

Windsor, Canada, March 5, 2019

CenterLine (Windsor) Limited, a global and award-winning leader in fastener and resistance spot welding technology and advanced production systems for the automotive industry, is very pleased to announce the addition of Mrs. Kathleen Cvitkovic to the position of Corporate Marketing Manager. Kathleen will report to Phil Campbell, VP Global Sales and Marketing, and will be responsible for managing all aspects of CenterLine’s marketing initiatives.
Coming Events

April 1, 2019
Scholarship Applications Due

April 6, 2019
AWS Detroit Section Ladies Night
Motor City Casino, Detroit, MI

April 11, 2019
AWS Detroit Section Tech Night
Centerline Mechatronics, Windsor, ON Canada

April
AWS Detroit Section Tech Night
Location and Date TBD

May 5-10, 2019
AWS CWI Seminar
Detroit / Romulus, MI

May 11, 2019
AWS CWI Exam
Detroit / Romulus, MI

May 15-16, 2019
Emmet A. Craig Resistance Welding School
Grand Rapids, MI

May 3, 2019
AWS Detroit Section High School Welding Contest
Washtenaw Community College

July 21-26, 2019 – Instructors Institute
July 28-31, 2019 – Leadership Symposium
www.aws.org/events/otherevents

The seminars/workshops are held by WELD-ED, not AWS. These are summer professional development workshops for instructors. Location varies by date and subjects taught. Here is the link to the site and people may go there to see if they are interested in attending: www.bit.ly/WeldEd2019
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Dating back to 1973, the AWS Detroit section has hosted what we call the “High School Welding Competition” for high school seniors. The competition’s primary goal is to help support the growth of young talent in the local welding industry here in Michigan. That means volunteers from the Detroit Section and the welding community have been supporting this event for 46 years; impacting thousands of students looking to pursue a career in welding.

This particular competition is strategically placed at the end of the school year to allow high school seniors to showcase not just their welding ability, but their advanced skills in welding positions, print reading and symbol application, and in doing so are rewarded with scholarship funds and prizes that will allow them to further develop their skills, secure funds for seeking higher education and ultimately help prepare them for a future in welding.

The success of the High School Welding Competition is only made possible by the support we receive from our welding suppliers, our colleagues, patrons, section members, etc., so I am asking once again to please consider donating welding equipment, accessories, tools and/or monetary gifts (which are added to the scholarships we plan to award), which will help to ensure this event remains a much anticipated and continued success.

To those that have contributed in years past, this competition supports the very lifeblood of our community and serves as inspiration to our young welders to further their education, develop one’s skills and continue to pursue a career in the welding industry, and your support has been truly invaluable.

Please contact Glenn Kay, II at gkayii@wccnet.edu with the subject HSWC to volunteer, or make a donation of materials, equipment or money. Thank you!
Please be advised that CenterLine has four (4) facilities located in LaSalle (a suburb of Windsor).

**CenterLine’s Mechatronics Division** located at 6290 Morton Industrial Pkwy will be hosting this event.

Since this facility has recently opened it appears as an open field when using Google maps. The attached map link can be used to generate driving directions from the border and to identify this division’s location in relation to CenterLine’s other facilities.

**SPECIAL NOTE:** Individuals who attend will require a passport or enhanced driver’s license to cross the border.
Co-op Welding Students, Summer Interns and Part-time Welders
Contact Pat Bell: patricia.bell@detroitk12.org or (313) 282-8171 in Detroit

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PRODUCTIVITY.
WIN THE RACE!
What is the best approach in handling drawing issues on customer weldment drawings? We see them all the time, right? Do you just shrug your shoulders, maybe mutter something under your breath and do nothing? Or, do you contact your customer and try to discuss what you're seeing to find a resolution that is mutually agreeable to both of you? Well, what kind of issues are we talking about?

Sometimes we see misplaced arrows or welding symbols just “floating” in an open area on the drawing. These types of errors usually occur when a drawing is translated from its native format into another, like from SOLIDWORKS® into a PDF. These are probably easily resolved by contacting your customer and asking for clarification. But other times we see weld symbols that don’t match the weld joint, or we see weld sizes that are unreasonable or not possible to achieve. How do we handle these issues? Let’s look at a few examples and how you might address them.

For the following examples, let’s assume your shop employs standard GTAW, GMAW and FCAW processes. The drawing shows a T-joint on square steel tubing where both tubes are the same size. The welding symbol pointing to that joint has a fillet weld symbol and a weld-all-around symbol at the junction of the arrow and the reference line. Really? Or maybe the drawing has two sections of 1/2” steel plate coming together to form a T-joint in accordance with AWS D1.1/D1.1M:2015. The welding symbol pointing to that joint has a fillet weld symbol and a tail note the states, “CJP.” What? Now you, as a trained CWI recognize these welding symbols as being incorrect immediately. But clearly the designer or the engineer on the customer’s end did not. Since you’re the subject matter expert, let’s break this down.

So, what’s wrong with these examples and what do you do about them? Well, let’s look at the first example with the square tubing in a T-joint construction. AWS A2.4:2012, Standard Symbols for Welding, Brazing, and Nondestructive Examination, tells us in Annex D that the weld-all-around symbol is used to denote a continuous weld that has no breaks in its length and does not change in size, geometry, or weld type. While the weld in our example may meet some of these requirements, it certainly does not meet all of them. Yes, it will be continuous with no breaks in its length. And it may have the same specified size, but that’s where the match ends. Our weld will not have the same geometry, nor will it be the same weld type around the entire welded joint. We are going to have fillet welds, and likely flare-bevel grooves welds, since the corners will probably be rounded for the steel tubing. In this case, Annex D tells us that the weld-all-around symbol is not appropriate to specify welds in this type of joint. They say instead, two welding symbols should be used, one for each of the two weld types. In this case you should follow your customers requirements in establishing a “Request for Deviation” or RFD, and possibly submitting a Redline Drawing showing the revisions you’ve made to the customer’s drawing. Once the RFD and drawing have been approved, you may want to make record of this drawing as your “Shop Drawing.”

Then what about the second example where the designer is specifying a CJP fillet weld? For this one, it’s probably best if we look to AWS A3.0M/A3.0:2010 for the definition of what CJP is. Right away we learn that CJP is defined as “A groove weld condition in which weld metal extends through the joint thickness.” According to the welding symbol, we’re not being asked to make a groove weld. The drawing tells us it’s a fillet weld. When we look at D1.1 for the acceptance criteria on a macroetch test in clause 4 for a fillet weld we see that fillet welds “shall have fusion to the root of the joint, but not necessarily beyond.” So far, here’s what we know. We know the joint root is where the two fusion face surfaces intersect. We also know there is no requirement for the fillet weld to have penetration beyond the joint root. Therefore, is it reasonable to think that by using one of your standard processes, you will be able to achieve weld penetration through the entire joint thickness of 1/2”? No, probably not. For this example, you probably should submit a “Request for Information” or RFI to your customer asking if this note was intentional or an error. They should be able to review the load requirements for this joint to determine if a fillet weld alone has the strength required to carry the design load. If a fillet weld is not sufficient, then an appropriate groove weld of some type indicating CJP should be specified by the engineer. Along with the groove weld, a fillet may be specified to share the intended load, or as a contouring fillet weld to reduce stress concentrations. To generate a Redline Drawing and correct the welding symbol is not within the scope of your expertise or authority as an AWS CWI. Although you might offer assistance in guiding them to the code clauses and to the AWS standards and specifications used in determining the appropriate information, the design requirement belongs with the Engineer of Record or EOR. As the owner, they ultimately need to put the correct welding symbol on the drawing to achieve the desired joint preparation and final weld that will meet the design requirements for service.

Another example of something you may see is a drawing where a groove...
The Detroit Section held its March Technical Meeting on March 14, 2019 at the Ukrainian Cultural Center in Warren, Michigan. This meeting was also Old Timers’ Awards Night.

Before the technical meeting, the AWS Detroit Section Executive Committee member Mr. Tyler Alexander acknowledged all the Detroit section 2019 Old Timers Awardees. Mr. Donald Maatz, Jr. was present and received his award for 25 years of membership in the American Welding Society. Donald Maatz, Jr. is very active with the AWS Detroit Section, and is on the executive committee and many subcommittees. He is a world of knowledge when it comes to welding.

Mr. Maatz was also honored by receiving a speaker plaque for his work with the RWMA and his presentation at the RWMA Annual Meeting. (See the link: www.aws.org/rwma/page/2019-annual-meeting) The plaque was presented by Matt Post, the RWMA Chair, and AWS West Michigan.

Our speaker for the evening was Mr. Robert (Bob) Roth from Roman Manufacturing. Bob is also a candidate for becoming the incoming AWS National President in 2020. Mr. Roth shared with us the history and status of the American Welding Society.

This year the AWS celebrates its 100-year anniversary. Mr. Roth gave an informative presentation about its evolution. As he leads the AWS into its second century, he also shared his perspective on the future of the organization.

The evening was enjoyed by about 25 people. The first half hour was open for networking with others in our industry. A special thanks to RoMan Manufacturing for sponsoring the beverage station for the evening. This was followed by the presentation of the awards, and a dinner preceding Bob Roth’s presentation.
Nominations for the 2019 Excellence in Welding Awards are now open!

Entry deadline is June 30, 2019

WEMCO created the annual Excellence in Welding Awards to recognize individuals and organizations that are instrumental in raising the image of welding and strengthening the industry, and have shown exemplary dedication to promoting the image of welding in their communities.

The Excellence in Welding Awards are divided into the following nine categories:

1. Individual  
2. Educator  
3. Educational Facility  
4. Small Business  
5. Large Business  
6. Distributor  
7. AWS Section  
8. Media  
9. Veterans

Complete the 2019 Nomination Form Online

Each year individuals from the welding industry nominate their peers for these awards. The nominations are submitted to the Excellence in Welding Committee, which are reviewed carefully before the winners are selected. The winners are announced at the Excellence in Welding Awards Ceremony at the FABTECH Show.

To nominate someone, please go to the website at [webportalapp.com/sp/excellenceinweldingawards](http://webportalapp.com/sp/excellenceinweldingawards)

For more information or if you have any questions, don’t hesitate to contact John C. Bohr by email at [johnc.bohr@gmail.com](mailto:johnc.bohr@gmail.com)

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Hello Jeff, and welcome. Please tell us a little bit about yourself.

My name is Jeff Henderson, I am a Corporate Welding Engineer for Tower International. I really enjoy the challenge of working with new technologies whether it be new types of joining, new materials or new types of automation equipment.

Tell us Jeff, why did you join AWS?

I joined back when I was a welding engineering student. I joined so I could network with other welding professionals and stay up to date on things happening all around the welding world.

I always like to ask our guests, what kind of things do you like to do outside of work?

I enjoy a lot of time outdoors with my dog, camping, fishing, hiking and kayaking. I also like to work on cars and have a modified Jeep rock crawler, I’ve taken it out west to Moab and all over the mid-west.

Do you have a funny moment or story you’d like to share?

When I was working at my internship at U-Haul in Pennsylvania none of the manual welders thought a “soft” college kid could keep up with them welding on the production floor. So, I made a point of spending a week on the floor with all of them welding trailers together, earned their respect and a good laugh.

What would you say is your most memorable moment when it comes to AWS and/or welding?

The first day I stepped into an auto assembly plant, I couldn’t believe how massive it was and how much equipment and resources that go into building a car.

Another question I like to ask if there’s anything that’s near or dear to your heart?

I’m going to give the generic answer, my family, friends and dog, Holly. I know it’s the boring answer but without them life would be pretty dull.

Mentoring is a great advantage in any career. Have you ever been a mentor? Or, is there someone who has mentored you?

I had a mentor as I was starting my career, Gary Zolp, and I had the privilege of working with him all the way up until his retirement last year. I learned all of the ins and outs of welding in the automotive industry. I’m now mentoring a few of our newer welding engineers, I hope that I can do for them what Gary did for me.

How did you get your start in welding?

I got my start in welding when I was working as a mechanic and welding exhaust. It intrigued me, so I changed my major after I got my associates in automotive service.

What do you see as the biggest challenge for the welding community in the future?

I see it being all of the new lightweight materials we are starting to use in the auto industry and the weldability of all of these new metals.

What would you tell someone who may be “on the fence” about getting into welding as a career?

Do It!!! It was the best decision I’ve ever made! The welding industry covers such a vast array of career opportunities. It can take you anywhere in the world and it’s a really fun way to make a living.

Would you encourage more schools (both high school and junior high) to encourage more young people to look into technical schools and jobs and not just degreed positions?

Absolutely, there is a huge need for skilled trades professionals out there, and most positions pay more than a fresh college grad can make after a 4-year degree.

Finally, if you weren’t involved in the welding industry, what would be your dream job?

I think my dream job would be somewhere in the racing industry, either running a pit crew or building the vehicles.

Thank you, Jeff for being our April Meet our Member featured member.

If you’d like to be one of our featured Meet our Members, or if you or your company would like to be featured in our e-bulletin, please contact Mark Rotary, our membership contact. Mark would be happy to help get you started. Mark’s contact information is mark.rotary@zf.com.
Save the Date! Cherry Creek, Shelby Township 2019 AWS Detroit Section Golf Outing

Thursday
July 25th, 2019

Contacts: Brian Peterson Peterson.brian@fronius.com or Donnie Crist dcrist@romanmfg.com

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weld symbol has been used without a depth of groove or groove weld size specified. This is sometimes challenging to understand because you don’t know the designer’s intent. Did he forget to put the size on the drawing, or was there some other reason for the omission? AWS A2.4:2012 tells us that groove weld dimensions “shall be specified”, and they give us rules about how they are to be shown “when used.” These dimensions are placed to the left of the weld symbol. From left to right, the depth of groove is shown first not in parentheses, then the weld size, in parentheses. But they also tell us that when the depth of groove and groove weld size is omitted, this “requires a groove weld that extends through the thickness of the joint.” Sounds simple enough, but that means the joint is CJP. What if the material is 2” thick? Did the customer really mean to specify CJP? You can’t know what the intent is until you ask the question. Welding through 2” of material is costly and time consuming, if that’s not the intent, then why place added cost where it’s not needed?

If you’re still with me to this point, what if the same weld joint described above has a welding symbol with only a number (not in parentheses) to the left of the groove weld symbol? This is another unique situation where you might wonder if the designer understood the real meaning of this welding symbol. After all, we mentioned earlier that AWS A 2.4 says that the groove weld dimension “shall be specified” and that the depth of groove is the number not in parentheses. You’ll need to do a thorough review of the drawing and contract documents to see if the weld size is specified elsewhere. If not, you could always apply what A2.4 says about this situation. That is, if a welding symbol only indicates the depth of bevel and does not include the groove weld size, that indicates “a groove weld size not less than the depth of groove.” This could be a good solution, or it may complicate things for you depending on the material thicknesses, joint location, etc. Again, you may need to send an RFI to your customer just to make sure everyone’s on the same page.

There are so many kinds of drawing issues you may see, but the last one we’ll discuss is a fairly common occurrence that can cause an inspector grief. It’s when the drawing specifies a flare-groove weld which has a depth of groove and a weld size specified. The problem arises when the weld size is specified as equal to or greater than the depth of groove. If you’ve ever tried to perform a weld like this, and you did a subsequent cut and macroetch of the welded joint, you probably discovered that the root was not consumed. Not surprising. In fact, its so common that A2.4 addresses this issue in the commentary section, Annex D. In D7.2.10 they tell us that depth of groove dimensions in these types of groove welds are “beyond the usual controls of either the designer or the welder,” because of the “curvature of the base metal.” They say that complete joint penetration “is not attainable in many flare-groove welds since the fusion occurs along the surface of one or both members rather than through the thickness.” So, now what? Well, depending on your material type, specific joint type, material thickness and your process, you could set up a mock test piece and run a test weld with your WPS. You could then do a cut and etch to see how you did. Did you meet the weld size specified on the drawing? Did you consume the root where necessary? If so, you are probably ready for production. If not, and there’s nothing you can do to adjust your process to achieve the results specified, then you need to go back to your customer. Explain what you’ve been able to achieve for the weld size based on your testing. You could then point them to A2.4 to help explain your case, and let them take the next step to a resolution.

So now for the questions I’m sure many of you are asking. Why are we even concerned about these kinds of issues? Why go through all the effort to make these corrections; contacting the customer with questions and suggestions, blah, blah blah? These aren’t my drawings, so why should I be concerned about correcting them? It’s because you’re the CWI. You’re the person that is going to take responsibility for the final product that your company produced. And, you’re going to sign a report that states you delivered exactly what was on the drawing. If for no other reason, you need to be absolutely sure that what you’re saying you did matches what you were asked to do. You should not be willing to put your name on a report stating you verified a CJP weld when there is no possible way that CJP happened. Or, that you accepted a weld as a fillet weld that was really a flare-bevel groove weld. Putting the question of fraud aside here, it is simply good practice to do what you say and say what you do. It is part of your ethical obligation and people are relying on your integrity.

If this subject interests you and you’re not already an AWS CWI and the idea of becoming a CWI is a career that you would like to pursue, the AWS-Detroit Section is hosting two AWS CWI Seminar/Exams for this year. The seminar/exam dates and location are as follows:

**CWI Seminar**
Location: Detroit Metro Airport Marriott
30559 Flynn Dr, Romulus, MI 48174
(734) 729-7555
May 05 – May 10, 2019 Exam May 11, 2019
Oct. 13 – Oct. 18, 2019 Exam October 19, 2019

Check the AWS-Detroit e-Bulletin often for other helpful information, at www.awsdetroit.org. For more information on how to become properly trained and certified by the American Welding Society and to register, you can visit www.aws.org/certification.
Announcements will be forthcoming in the near future regarding plans for celebrating our 100th Anniversary. Many events are planned to celebrate this major milestone. Invite your associates and students to join during our centennial year.

**NEW ~ 2019 ~ NEW ~ 2019 ~ NEW ~ 2019**

**WELDING COMPETITION SCHOLARSHIPS**

Five new $1000 scholarships are available for competitors in welding competitions sponsored by organizations in our District. As of today I have not been notified of competitions scheduled in District 11. PLEASE send me a notice of your competition and the dates for them. There is no application process – ONLY the sponsors MUST notify the District Director of the competition dates. The District Director will select and award these at competitions held in 2019!

**DEADLINES ARE APPROACHING FOR...**

**SCHOLARSHIP APPLICATIONS:** Deadline is April 1

Detroit Section scholarship direct link for applications is: [www.awsdetroit.org](http://www.awsdetroit.org). Contact other Sections or visit [www.AWS.org](http://www.AWS.org) web for information and application forms.

**District Educator Scholarships**

NO APPLICATIONS HAVE BEEN SUBMITTED AS OF MARCH 1st. AWS National and District Educator Scholarships (including instructors) are available. Applications should be completed no later than April 1st. Submitted applications for the District level will be considered by the District Committee with awardees selected at the May 20th, 2019 District Conference. Go to [www.aws.org/educatorsscholarships](http://www.aws.org/educatorsscholarships) for more information and applications.

**WELDER TRAINING SCHOLARSHIP APPLICATIONS**

These are for individuals who want to learn how to weld, as a stand-alone skill or if they are taking welding classes as part of a technical school program for fabricating, machining, automotive mechanics classes, etc. In 2018 District 11 (Michigan and Northwest Ohio) awarded 20 scholarships of $1,000 each. Students wanting a scholarship may apply at [www.aws.org/foundation/page/scholarships](http://www.aws.org/foundation/page/scholarships). For 2019 our District has 25 scholarships available - students should apply soon. Awards are made to qualified students on a first-come basis until all awarded. Applications are simple and completed on-line.

**Leadership Symposium:**

One adult individual from our District will be selected by District Conference attendees at the District Conference on May 20th. Interested adults please notify me (your District Director) of your interest and complete the form on the AWS website. I would appreciate a short biographical sketch or resume and a statement of why you wish to attend. It is recommended to get supporting statements from your Section officers. Interested parties are encouraged to attend the District Conference.

**AWS Welding Instructor Institute:**

NO APPLICATIONS HAVE BEEN SUBMITTED AS OF MARCH 1st. Applications should be submitted early for this and one instructor from our District will be selected to attend with air, hotel, meals, and transportation expenses paid. Apply at: [www.aws.org/events/detail/instructors-institute](http://www.aws.org/events/detail/instructors-institute).

**MEMBER RECOGNITION**

**AWARDS:** Look around your Section, personnel who are industry leaders and recommend these people for awards. AWS wants to recognize people as outstanding members who serve our industries and the Society. Please forward recommendations and we can work together to get these individuals recognized. Awards are available for local Sections, District, and National Awards. Information is available at: [www.aws.org/about/awards](http://www.aws.org/about/awards).

**CWI CERTIFICATION**

AWS has streamlined the certification exam application and approval process transitioning to online applications for CWI Seminars and/or Exams, Renewals and/or Recertifications through the AWS online certification portal. Paper applications will continue to be accepted but applying through the online certification portal is preferred, ensuring efficient receipt and timely review of applications. Detroit Area 2019 Seminars and Exams are scheduled for:

- **Seminars** May 5-10 and Oct. 13-18
- **Exams** May 11 and Oct. 19

**UPCOMING EVENT:** District Conference:

Mark your calendar for our annual meeting at Lansing Community College West Campus. **DIFFERENT DAY Monday May 20, 2019.**