INSIDE
Fast machines –
the pipe trades’ new
technological frontiers.
- See page 6
Features
Technology Transforms the Pipe Trades .............................................. 6
Photo Feature – Labor Day at Chase Field ........................................... 18

Departments
At the Local Level – Business Manager Phil McNally ......................... 3
Political Action Report – Torres Consulting & Law Group .................... 4
Adapting to Changing Technology – Chris Van Kirk ......................... 8
Keeping Pace with Breakneck Change – Aaron Butler ....................... 9
Welding Advancements Alter Industry – Rick Hudson ......................... 10
Technology Replaces Pencil and Paper at Dispatch – Scott Vaughn ....... 11
Proper ID Necessary on First Day of Work – Mel Ingwaldson ................ 12
Davis-Bacon Briefing ..................................................................... 14
Training Center Upgrades Learning Technology – Rick Wieting ............ 15
Instructor Spotlight – Scott Jennings .................................................. 16
Star Apprentice – Steve Goksel ......................................................... 17
Workforce Development Spotlight ................................................... 20
Focus on Health and Safety – Asbestos-Related Illnesses .................... 23
Community Connection – Gear Up For Kids .................................... 24
Contractor Corner – Total Facility Solutions ..................................... 26
Labor’s Community Service Agency ................................................ 28
Member Updates ......................................................................... 34
AZ Pipe Trades Outdoorsmen .......................................................... 35
Upcoming Events ......................................................................... 35

For more pictures from Labor Day at Chase Field, see pages 18 and 19.
As we end a busy summer full of job opportunities and look forward to an equally busy fall, it can be easy to forget the importance of staying vigilant. With that in mind, I want to stress to everyone the importance of the upcoming general elections. We have enjoyed some plentiful work recently and beyond that, local political victories. However, the fall election results could dramatically change the landscape for working families and the contractors who hire Local 469 members.

The presidential election will of course hugely impact our future, but so will the congressional and state legislative races happening in every district.

**Cast your ballot!**

I ask all of you to make sure you are registered to vote and most importantly – cast those ballots.

Every vote counts, especially in the local races, and we need to make sure that pro-labor candidates win on Election Day.

**Congressional candidate visits training center**

Recently, Local 469 hosted Arizona U.S. Senate candidate Dr. Richard Carmona at the Training Center. I accompanied Dr. Carmona through the facility, and it was good to see his appreciation for our well-trained apprentices and the careers we create.

The local news media filmed Dr. Carmona discussing our apprenticeship program and the high-tech career opportunities available for returning soldiers, providing some positive visibility for our programs.

**Intel moving forward**

As we transition from the third quarter of the year to the fourth quarter, the work at Intel will transition from the base build phase to the tool install phase. Let’s keep up the great work by always striving to meet the Standard for Excellence.

I am sure our members will continue to produce the top-notch work product for which we are known.

**Staying up-to-date with technology key to Local’s future**

Advances in technology are changing the pipe trades and we are constantly upgrading equipment and curriculum at the Training Center to keep up with these changes. Our investment in training will help our members keep their skills sharp and ensure our Local stays competitive in the field.

**Closely monitoring Davis-Bacon compliance at Solana**

Currently, about 300 Local 469 members are

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“Every vote counts, especially in the local races, and we need to make sure that pro-labor candidates win on Election Day.”

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continued on page 25
Although summer is coming to a close, things are heating up for the 469 Political Action Committee (PAC), thanks to the support and contributions of our members. A big election is upon us in November, and the Arizona Pipe Trades is poised to do all it can to ensure we elect candidates who represent our needs and listen to our concerns about jobs.

2012 primary election a resounding success

Through the 469 PAC’s endorsement process earlier this year, we selected more than 30 candidates at the municipal, state and federal levels to support. The success rate of our candidates in the Aug. 28 primary was more than 90 percent!

For those of you who cast your ballots in primaries across the state last month, thank you for voting. Hopefully, the PAC’s list of pro-working-family candidates was helpful to you when you went to the polls. Stay tuned for more communication from the PAC as the 2012 general election approaches.

Nov. 6 marks historic election day in Arizona and beyond

Speaking of the general election, the next month will be critical for the PAC, 469 volunteers and all of our members. Early voting begins on Oct. 11, and the PAC’s annual Big Day of Action – our most important volunteer event – is set for Oct. 20.

Hundreds of members have stepped up and volunteered for this event in past years, and I believe each one would say it was a rewarding and fun day. The PAC is encouraging all members and their families to “turn up the heat” in October and participate in the Big Day of Action, when volunteers will distribute campaign information and make a difference in this year’s election.

This event has become a signature happening for 469 and our goal is to have more than 100 PAC volunteers participating this year. With your attendance, the Big Day of Action is quickly becoming one of the most recognized statewide PAC events among elected officials and candidates. Remember, it is only as strong as our PAC volunteers – once again, 469 leads the way!

To sign up, contact Feruza Amanova at
Now is the time to give just half a day to help 469 elect labor-friendly candidates!

**Moving forward with new, increased resources**

469’s membership has stepped up its support of the Local’s political action efforts, and we are already seeing the results. The PAC’s ability to provide a broader array of support to endorsed candidates has produced an upsurge in the Arizona Pipe Trades’ political presence at all levels of government.

One of these resources is the ability to contribute to independent expenditure (IE) committees that support our endorsed candidates, and sometimes, IEs that work against candidates who we feel will harm working families and Local 469. The efforts of IEs can take many forms – phone calls and mailers to a targeted voter group, signs, advertising, and even polls so that the PAC can formulate the best strategies for voter outreach.

The unique thing about an IE is that it is done completely independently – hence the name – of any candidate or candidate’s staff. In fact, by law, IEs cannot coordinate with candidates, including just verbal mentions of them. Due to the segregated nature of these efforts, the 469 PAC can be aggressive and proactive when it matters most. As such, 469 will be involved in several IE initiatives that are good for jobs between now and the Nov. 6 election.

While there are strict limits to how much the PAC can contribute to a candidate – in monetary contributions, fundraising events and in-kind support like community barbecues and picnics – getting involved in IEs opens a whole new array of opportunities for Local 469 to impact elections. None of this would be possible without the support of our members, and it is sure to make a difference in not only the November election, but all elections that follow.

**Building 469’s public profile**

Another way the PAC has amplified its visibility with elected officials is through involvement with the Arizona League of Cities and Towns and participation in other high-profile events. Last month, PAC members had direct access to hundreds of mayors, council members and city executives through 469’s involvement again this year at the 2012 League Annual Conference.

Through our sponsorship and informational exhibit at the conference, the PAC educated scores of people about our apprenticeship and training programs, the signature projects we have built, and our members’ commitment to political action in city government.

Additionally, 469’s apprenticeship program was featured in the Sept. 7 edition of the Arizona Capitol Times’ special workforce development section. To see this feature, turn to page 20.

The PAC also will have a visible role at the upcoming Leaders of the Year in Public Policy awards event, as well as a post-election gathering for all first-time legislators.

This consistent presence demonstrates to our lawmakers that 469 is here to stay – and they realize it every time they see us at the state Capitol for events like Lunch on the Lawn, or at various conferences and events throughout the year where we engage them directly about our interests.

**Volunteerism, voting and visibility – a winning combination**

Local 469’s growing influence is something we can all be proud of. Thanks to your participation in grassroots efforts like walking neighborhoods and placing signs, as well as studying 469’s endorsed candidate list, casting your vote and supporting the PAC, our interests will be well represented across Arizona and in Washington, D.C. Let’s make this election count!
TECHNOLOGY TRANSFORMS THE PIPE TRADES

Local 469 adopts industry inventions

A new welding machine increases production anywhere from 100 to 300 percent. An innovative tool maps spaces using a laser. The latest electronic modeling processes reduce the amount of rework and allow for more detailed off-site planning.

These technological innovations are not only increasing efficiency in the pipe trades, but they’re also improving the quality of work by creating a level of consistency only possible by using machines.

“With this process, realistically you can start at the bottom and weld all the way to the top without stopping.”

However, no matter how much technology improves, the people behind it are the key to completing high-quality work. “It still takes a human being to run these machines,” said Local 469 instructor Scott Jennings.

That’s why Local 469 recently held a three-day, Train the Trainer class. Tom O’Malley from TIP TIG USA and Justin Forni, from a UA local in New Mexico, visited the Joint Apprenticeship Training Center to teach a handful of key people how to use the equipment.

“Nobody really understands the technology at the moment,” said Doug. Everybody is learning.

The revolutionary TIP TIG

For example, the TIP TIG is a new machine that allows a tradesperson to weld up to 250 inches of filler wire in one minute. Before the TIP TIG, a tradesperson could weld about 10 inches of wire per minute.

“It’s a revolutionary weld process,” said UA Local 469 Technical Education Director Rodney Pack – a process so new that Local 469 is one of just six locals nationwide that owns the machine. A class to teach members how to use it started in September.

“Normally, the TIG process is a two-handed process,” said 469 instructor Doug Anderson.

Computer-based modeling transforms project work

Learning new welding processes marks just one part of the constant adaptation necessary to keep up with new technology’s breathtaking pace. No matter the speed, keeping up is crucial for success.

“We need to be on the cutting edge of all technology or we will die on the vine,” said Doug. “We can’t be dinosaurs. We have to embrace technology and use it to our advantage.”

Building Information Modeling

At the training center, computer-aided drafting software is undergoing an update that will allow members to learn Building Information Modeling. BIM detects collisions – for example, if duct work and pipe work are being planned for the same area. Using this method drastically reduces the amount of rework necessary. It also allows for more comprehensive planning, which decreases construction time.

The technology is so new that industry professionals are still uncovering uses. “As BIM finds its way to becoming a standard in construction, owners and contractors will discover more ways to reap the benefits of
modeling – beyond cost and building management,” said Tracy Lucero, project controls manager for JB Henderson.

Another innovative tool that complements BIM is called Trimble. The tool, which has GPS, shoots a laser around a room, marking elevations and other essential measurements. Local 469 will eventually have a Trimble to use for training.

**Technology maximizes members’ time**

Other technological transitions include the soon-to-come online debut of course catalogs and eventually, online registration. This fall, students will be able to register online for SSTA eight-hour and 16-hour, with more options coming soon.

Local 469 is also developing online curriculum for training that doesn’t require classroom time. Materials including Power Points and videos will be uploaded to an online portal called Blackboard. “It’s a very interactive class,” said Doug, who is working on the upgrade.

“We’re working to minimize the amount of time that members are away from their families when they’re not at work,” said Rodney.

**Array of options requires careful choices**

The onslaught of technology means that the options for upgrading often outnumber the realistic possibilities for implementing new tools. New machines can cost tens of thousands of dollars.

Besides the monetary investment, comes the logistics of training new people and ensuring that projects stay on schedule – even when using new equipment.

Contractors carefully analyze each innovation to make sure it’s worth the time and investment.

“We look for things that are productivity improvements,” said Robert Hill, vice president/regional manager for Total Facility Solutions. “What can we do to work more efficient or be more productive? We’re willing to invest in technology that allows us to do that.”

Robert said TFS often conducts in-house training, but also relies on Local 469 to keep its members’ knowledge up-to-date.

Tracy says just researching the new technology can be costly. Bringing new technology “online and folded into your company’s processes is disruptive at best to downright painful and potentially crippling. Planning for a successful implementation is the key to success.”

However, taking those risks and adapting to change is critical to stay on top.

“We compete with non-union contractors and have to learn these skills and out-work them,” said Scott. “I want our guys to be successful.”

**The world belongs to innovators**

Opportunity belongs to those on the cutting edge. “Early adoption of technology is your competitive advantage – presenting customers with options they may not even be aware of,” said Tracy.

And with all the training opportunities available at Local 469, members are sure to be on the forefront of new technological frontiers.
“While change is often difficult, throughout history the only survivors were those who learned to adapt and change.”

It is certainly fitting – no pun intended – that we discuss technology in this issue of the newsletter.

Technology is the basis for the vast majority of work that our contractors have been able to secure through the competitive bidding process in the marketplace. We could be talking about the semiconductor manufacturing industry, the power industry, or the continuously expanding network of hospitals across the state.

The reason owners utilize workers and contractors from the Arizona Pipe Trades Local 469 simply must come down to the fact that we are the best, most knowledgeable, and most effective. Being the best requires technological savvy.

Avoid complacency in quickly changing times

While we pride ourselves on having cutting-edge knowledge and technological experience, anyone who ever ventures off of his or her front porch knows that in order for us to keep that pride alive, we must constantly surmount each new challenge that we are presented with in the field.

Even some recent technology is now outdated

I think the easiest way to back up that statement is to reflect back not too many years and think about the technology that we utilized “back then.”

I was looking at a drain a few weeks ago that was old enough. The “technology” utilized was “let’s stuff some rope in there and then fill the joint with hot lead.” Could you imagine wanting to use lead in a drain now?

Even less time ago, we regularly soldered potable water with an alloy that was 50 percent lead. Those of you who are new to the trade are probably thinking that what I am writing about is ancient history. That isn’t the case.

Technology came to the forefront and we learned that lead never really does a body good. We adapted the way we do business.

Change needed to stay successful

While change is often difficult, throughout history the only survivors were those who learned to adapt and change. The most successful were those who thrived on change.

Evolved piping

Local 469 could write its own history lesson about change. When you use your imagination and think back to more than 100 years ago when we received our charter, give some thought to what was cutting edge in the early 1900s.

You will not find any mention of CAD, BIM, or orbital welding (orbital welding – is that what Buck Rogers does?). Back in that day, even arc welding as we know it today was only available when using your...
“The only thing that is constant is change.” -Heraclitus

Today, you don’t have to look very far to see the positive impact that technology has on our world, and specifically the construction industry.

From solar-powered, power-generation facilities to microchip fabrication plants and biopharmaceutical facilities, evidence of the high-impact changes are hard to miss.

Local 469 has a reputation for staying current with industry trends and ahead of the curve in regards to the piping industry’s changing needs.

We work hard to continue this competitive edge over non-signatory contractors while pursuing valuable and viable projects.

Knowledge: our strategic weapon

A strategic weapon that will ensure our Local continues its competitive advantage long into the future is to stay abreast of the current trends, technological advancements, and communication systems.

Since taking office, I have discovered Local 469 is very fortunate in regards to the tools available for employee development.

I have had the opportunity to speak with several brothers from locals all over the country, and the one resounding comment I’ve heard from these brothers is how incredible our training center is.

As the piping industry continues to change with advancements in technology, the projects we see will also require journeymen who have certifications to meet these new jobsite requirements.

Keeping skills fresh at the training center

The Joint Apprenticeship Training Center plays a significant role in this process by offering opportunities for journeymen to take upgrade classes, such as high-purity detailing, orbital welding and 227 welding.

Upon completion of Fab 42, the Ocotillo site, we will have completed four operating chip plants. These plants will continue to employ United Association members long after base build is complete.

With this employment opportunity and the training center in our backyard, it seems unfathomable for our members to not have the certifications needed to man this work.

Education enhances opportunities

Just as it is imperative for us to choose which projects to pursue in the best interest of the Local, it is also important for our members to enhance their education through attending classes that improve personal success and overall productivity and performance.

These classes offer the latest technology and equipment necessary for staying up to par with industry standards, such as the two new TIP TIG machines in place, recently purchased by the JATC.

continued on page 31
As a newly elected business agent for Local 469, I would like to personally thank each and every brother and sister who has supported me since the November nominations.

I find it an honor and a privilege to serve the fine members of our local union. Over the next two-and-a-half years, I will do all I can to help our members as needed, and look for ways for us to be more successful in the street work (HVAC) that was the original bread and butter of our trade here in the Valley of the Sun.

In the piping trade, as in any industry, technology is inherited to keep up with demand. Over the years, the piping trade has seen many technological advances – from the way we bid work to the way a craftsman lays out a job.

No matter how far technology advances, skill, knowledge and access to that technology will remain the cornerstones of our success.

**Technical form important, no matter the procedure**

Welding requires a true craftsman with the technical knowledge and equipment to make it happen.

Without proper training from our training centers, on-the-job training by our journeymen and top-quality equipment from our contractors, we would not have the technical knowledge to stay ahead of our competition.

This is more important now than ever – not only to be more advanced than our competition, but to outnumber them with highly trained, knowledgeable craftsmen who can professionally complete any job.

In return, we are paid a fair wage and receive good benefits for our families. In other words – security!

**Technology helps us accomplish more**

In our trade, welding has seen some of the most dramatic technological advances. Prior to welding, flanged systems of cast iron were used along with threaded piping to transfer fluid or product from Point A to Point B.

Acetylene was discovered in 1836, but it was not until the late 1800s that gas welding started to be used more widely. The invention of the blow torch and the production of oxygen made gas welding safer to use than the previous hydrogen systems.

**Start of the American Welding Association**

With the start of World War I, the need for arms and consumables pushed acetylene welding to an all-time high.

At this time, the American Welding Association formed. The association would help standardize gas welding and other future welding procedures.

**Arc welding arrives on scene**

With the invention of the arc welding
Modern day dispatch, simplified by computer systems, is very different from dispatch when I first entered the trade, in 1982.

Back then, the method used for dispatching was a paper and pencil, long process, completely different than it is today. The dispatcher had cards to keep track of the members being dispatched.

A color-coded past
Orange cards were for pipefitters and steamfitters, yellow cards were for plumbers and blue cards were for pipefitters/refrigeration. The dispatcher would phone every person on the out-of-work list who lived outside of a 40-mile radius of the union hall.

If you lived within the 40-mile radius, your presence during dispatch was mandatory if you wanted to take a work call. When a member would accept a work call, the contractor’s name and dispatch date were written on the work cards to track where the member was dispatched to.

Reading handwriting an arduous task
The office staff, then called secretaries, would type up all the three-part NCR work orders by hand the night before, and the dispatcher would fill in the blanks by hand during dispatch.

Just imagine about how bad a dispatcher’s handwriting looked, when he had to handwrite all of those cards as opposed to printing out names from a computer. You can see how much time it would take for the office staff to read the dispatcher’s handwriting when he himself might not be able to read his handwriting.

Local 469’s first computer
This long-form method was the way for many years, until computers started being used in offices. Local 469’s first computer was purchased through the United Association, and the Local used it for years.

Paper goes electric
In 1997, a gal by the name of Tanya Larocque founded Integrated Software Applications, Inc. She previously worked for IBEW Local 349 in Miami, Fl. Working administration in a union office gave her the insight that there was room for improvement in record keeping and managing members in a local union.

Tanya developed the Union Manager software for this reason. Since then, Integrated’s software has been used to successfully operate local union business offices, apprenticeship training facilities, and union trust fund offices throughout the United States and Canada.

In 2005, 469 invited Tanya to look at the Local’s business operations and customize her program to fit our needs. Today, all recordkeeping for the Local is managed by

“We often only think of technology only when we look at kids walking around texting like crazy, but that same technology has helped our Local become the best Local it can be.”

continued on page 33
Proper identification necessary to work

We have been having problems on job sites with members showing up on their first day to work without the proper identification. Please bring the appropriate documents so you can work.

Generally, a driver’s license and Social Security card suffice. If you don’t have either of those cards, please see the chart on the opposite page to figure out what documents you do have.

Original, non-photocopied documents required

The Department of Homeland Security requires members to show original documents. Photocopies are not acceptable, neither are faxed or emailed submissions. Contractors must sign a federal form testifying that they saw original documents. Unfortunately, the contractor will send you home if you don’t bring documents that prove your eligibility to work in the United States. It’s nothing personal – it’s the law.
Please bring appropriate documentation to your first day of work!

**LISTS OF ACCEPTABLE DOCUMENTS**

All documents must be unexpired

<table>
<thead>
<tr>
<th>LIST A</th>
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<td>Documents that Establish both Identity and Employment Eligibility</td>
<td>Documents that Establish Identity</td>
<td>Documents that Establish Employment Eligibility</td>
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<td>1. U.S. Passport or U.S. Passport Card</td>
<td>1. Driver’s license or ID card issued by a state or outlying possession of the United States provided it contains a photograph or information such as name, date of birth, gender, height, eye color and address</td>
<td>1. Social Security Account Number card other than one that specifies on the face that the issuance of the card does not authorized employment in the United States.</td>
</tr>
<tr>
<td>2. Permanent Resident Card or Alien Registration Receipt Card (Form I-551)</td>
<td>2. ID card issued by federal, state or local government agencies or entities provided it contains a photograph or information such as name, date of birth, gender, height, eye color, and address</td>
<td>2. Certification of Birth Abroad issued by the Department of State (Form FS-545)</td>
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<td>3. Foreign passport that contains a temporary I-551 stamp or temporary I-551 printed notation on a machine-readable immigrant visa</td>
<td>3. School ID card with a photograph</td>
<td>3. Certification of Report of Birth issued by the Department of State (Form DS-1350)</td>
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<td>4. Employment Authorization Document that contains a photograph (Form I-766)</td>
<td>4. Voter’s registration card</td>
<td>4. Original or certified copy of a birth certificate issued by a state, county, municipal authority or outlying possession of the United States bearing an official seal</td>
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<tr>
<td>5. In the case of a nonimmigrant alien authorized to work for a specific employer incident to status, a foreign passport with Form I-94 or Form I-94A bearing the same name as the passport and containing an endorsement of the alien’s nonimmigrant status, as long as the period of endorsement has not yet expired and the proposed employment is not in conflict with and restrictions or limitations identified on the form</td>
<td>5. U.S. Military card or draft record</td>
<td>5. Native American tribal document</td>
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<tr>
<td>6. Passport from the Federated States of Micronesia (FSM) or the Republic of the Marshall Islands (RMI) with Form I-94 or Form I-94A indicating nonimmigrant admission under the Compact of Free Association Between the United States and the FSM or RMI</td>
<td>6. Military dependent’s ID card</td>
<td>6. U.S. Citizen ID Card (Form I-197)</td>
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<td>7. U.S. Coast Guard Merchant Mariner Card</td>
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<td>9. Driver’s license issued by a Canadian government authority</td>
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<td>For persons under age 18 who are unable to present a document listed above, valid documents include:</td>
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<td></td>
<td>10. School record or report card</td>
<td>8. Employment authorization document issued by the Department of Homeland Security</td>
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<td>11. Clinic, doctor, or hospital record</td>
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<td>12. Day-care or nursery school record</td>
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DAVIS-BACON BRIEFING

Efforts continue to uncover cheating contractors

Local 469 continues its Davis-Bacon compliance efforts to expose contractors who misclassify tradespeople to low-bid jobs and scoop work from law-abiding contractors.

These efforts are very important to ensure a level playing field and promote our Local’s continued prosperity.

The Department of Labor-led investigation of every contractor and sub-contractor at Solana continues, and we hope to have more information available soon. DOL is analyzing payrolls and other information to ensure employers on-site are following prevailing wage laws.

The breadth of this investigation means it will take some time, but we ultimately hope that those who break Davis-Bacon laws are exposed and appropriately penalized.

Local 469’s successful efforts to uncover contractors who break prevailing wage laws will serve to warn other contractors who consider cheating the system. They’ll know that cheating Davis-Bacon just isn’t worth the risk.

SIMPLIFYING MEMBER COMMUNICATIONS

Changes in technology coupled with Local 469’s growth have made email communication important. Email reduces costs and allows you to receive information faster.

Sign up for Local 469’s email list today! Fill out the form below and return to Local 469 at 3109 N. 24th St., Phoenix, AZ, 85016-7399.

COMMUNICATION UPGRADE PROJECT

Member name: ________________________________________________________________

Book number: ________________________________________________________________

Address: ______________________________________________________________________

Phone: _______________________________________________________________________

Email: _______________________________________________________________________

14 Arizona PIPE TRADES Reporter Fall 2012
TRAINING CENTER UPGRADeS LEARNING TECHNOLOGY

Rick Wieting
training director

Training and technology are our main goals, to actively pursue the newest and most current technology at the Joint Apprenticeship Training Center.

Plastic butt fusion welding
The new welding equipment and the George Fischer plastic butt fusion welding machines are not inexpensive and we must keep them in a clean environment and be trained properly on their operation and maintenance.

George Fischer equipment purchased was an IR-63 (1/2 inch – 2 inches) and an IR-110 (1/2 inch – 4 inches). Both machines are used for training on plastic butt fusion welding. This equipment qualifies our members to the American Society of Mechanical Engineers B31.3 Bonding Procedure Specification (BPS).

ASME B31.3, Section 300.1 lists the typical facilities – semiconductor, chemical, processing plants, etc. – that the code has been developed for, and various bonding methods for plastic piping, including heat fusion, thus the need for the heat fusion GF-IR equipment.

These machines are capable of doing several plastic piping products, such as PP, PE, PTFE, PFA and PVDF – all used at Intel as well as many other facilities around Arizona.

The PipeWorx welding system
The two PipeWorx welding machines we purchased are the most universal of our welding machines and are capable of doing stick (GTAW), DC Tig (GTAW), MIG (GMAW), Pro-Pulse (GMAW-P) and flux core (FCAW), all with the same machine, and they can change processes with the touch of a button.

This new technology is widely used around the USA for process piping, refinery, petrochemical, HVAC and water piping. These machines have been simplified and optimized specifically for pipe welding. The PipeWorx system delivers key benefits for pipe fabrication shops.

TIP TIG welding system
The TIP TIG welding system is our latest procurement, highest technology and the most effective way to Tig weld out in the field or fabrication shop. It is an automatic wire feed Tig welding process.

There is an average cost savings of up to 70 percent when using the TIP TIG process for welding, and it is 25 percent faster.

This process is known for very low heat input, low heat affected zone, low distortion – low dilution and very high-speed hand welding at 32 inches a minute.

The average cost savings for a complete 1.5-inch weld with the TIP TIG hot wire is around 75 percent, as compared to the hand weld, and the speed of the TIP TIG is about 4.5 minutes compared to 22 minutes by hand.

The deposition rates, at around 12 pounds per hour, are significantly higher than all other processes. The deposition rate for the...
A Local 469 instructor Scott Jennings is a welder by trade, but technology buff by passion. He loves keeping up with the pipe trades’ latest technological innovations and in his spare time, tinkering with electronics.

After busy days working at Intel and teaching journeymen how to use new technology at the training center, Scott returns home and builds computers from spare parts. “Most of my friends and family have computers that I have built for them,” he said.

Scott enjoys the challenge of keeping up with technology’s rapid pace. “I like keeping my mind busy,” he said.

Embracing constant change
The pipe trades’ constant change, where no two days are ever the same, drew Scott to the field. “It’s always challenging,” he said. “It’s never the same old grind.”

The trade’s theatrics also entrance him. Cool machines make sparks fly and updated technology makes the work evolve just enough to stay interesting.

“I like welding,” said Scott. “I like flames. I like working with the metal.”

From Alaska to Arizona
The 53-year-old started his pipe trades career in 1977 at just 17, working alongside his father on Alaska’s Alyeska Pipeline. He started out as a welders’ helper, and remembers the cold, dark winters occasionally illuminated by the surreal green glow of the Northern Lights.

In Alaska, Scott learned welding from the world’s best, the hearty souls who gravitated there to build the 800-mile-long pipeline, today one of the world’s largest.

First, a traveling man
In 1979, Scott moved to Arizona to work on the Palo Verde Nuclear Generating Station. Scott initially worked through Local 469 as a traveling member, and didn’t become an official member for another 15 years.

He remembers Palo Verde as “hot, but big.” The plant was huge, especially for a 20-year-old kid. With 10,000 people working at the plant, the population outsized many small towns, especially in Alaska where Scott had just moved from.

Scott’s father moved frequently throughout...
Fourth-year apprentice and recent welding competition champion Steve Goksel came to the pipe trades because a friend, who now works as a journeyman, had joined the program. Steve was investigating job options for when he graduated high school, and the pipe trades, with Local 469’s great benefits and pension plan, seemed like a good place to start.

“I figured I’d start young,” said Steve. Many of Steve’s friends also felt that the pipe trades offered a good career path, and they belong to Local 469 now, too.

Currently, Steve works at Dynamic Systems Inc.’s fabrication shop, fitting carbon steel for Intel.

Steep learning curve, at first
Steve entered the trade directly out of high school, and had a lot to learn while practicing new skills. Welding and other required tasks seemed foreign because his high school didn’t teach any trade skills.

At first, the learning curve was steep. However, Steve has embraced those challenges.

Welding for the first time, for example, he found very frustrating. Understanding the process and learning to look for things like undercut and porosity take time and practice, he said.

Now a competition winner
Steve plugged away, continuing to sharpen his skills, and the effort paid off. Recently, he won first place in Arizona’s apprentice competition for welders. He went on to win third place in the California state contest.

Steve now looks forward to turning out in about one year.

He has earned several certifications including medical gas installation and a UA 1 welding certification. He is currently testing for a second welding certificate – UA 21.

A future business owner?
When Steve thinks about his future, he contemplates owning his own business one day. Anything is possible working in the pipe trades.

“I like that there’s no limit on how successful you can be,” said Steve. He can progress from apprentice to journeymen to superintendent to business owner, all while working with his hands.

Steve’s hobbies include enjoying Arizona’s outdoors, including hunting, fishing and any kind of sports, such as basketball.

He has a wife named Ingrid, and a four-month-old chocolate Labrador named Bo.
Fifth Annual Labor Day at Chase Field

Thousands cheer on the D-Backs as they play against the San Diego Padres.
Day at Chase Field
They play against the San Diego Padres.
WHERE THE JOBS ARE: ARIZONA PIPE TRADES HELPS TRAIN FUTURE WELDERS

Editor’s note: This piece initially appeared in a special Arizona Capitol Times edition focusing on workforce development.

They get to work with fire and cutting-edge technology, they earn more money per hour than other tradespeople and they’re plucked by employers first from the available applicant pool because nearly every construction job demands their skills. They’re welders.

But still, a shortage persists.

To address that shortage, local trade group Arizona Pipe Trades began a partnership last April with vocational schools throughout the state, including the East Valley Institute of Technology and Northern Arizona Vocational Institute of Technology.

“It’s exactly what we want to see,” said Janice Parker, EVIT’s director of partnership development. EVIT relies on industry expertise to keep the program relevant to industry needs, so students graduate with the skills that employers demand. “Our training programs are driven by the industry,” Parker added.

Industry experts help EVIT by guiding the program’s training curriculum through advisory boards, and providing hands-on training and sometimes equipment.

Pipe Trades Business Representative Aaron Butler, who sits on the school’s welding advisory board, has worked in the industry for nearly 20 years. He talks with hiring contractors daily and tracks the latest developments. Butler shares that in-the-trenches knowledge with the school’s directors.

“They’ve been a huge help in donating materials that we could not afford on our public school budget,” said Parker about Arizona Pipe Trades. Last year for example, the trade organization donated 200 feet of six-inch pipe and its representatives taught a welding class. More classes are scheduled for this school year.

Learning career skills during high school

During the two-year program, students spend half of each day attending traditional classes on their home school campus and the other half of each day learning skills at EVIT or NAVIT. Some students earn college credit.

Students gravitate toward welding classes

The welding program ranks as one of EVIT’s most popular, and Parker said that she anticipates the partnership with the Arizona Pipe Trades to drive additional growth.

“Our (welding) programs are so full that we’ve had to bring somebody back from retirement” to teach, she said. “Sometimes we have to turn people away.”

One student, a woman Butler calls his...
“success story,” graduated high school on a Saturday, and four days later started work at Solana, a large solar plant under construction in Gila Bend, making $22 an hour plus benefits.

**Infusing the industry with youth**

Since April 2011, the Arizona Pipe Trades has accepted 23 students into its apprenticeship program and connected them with work.

The fresh young faces arriving into the apprenticeship hall are a welcome sight for industry leaders who have long agonized over its aging workforce – especially welders.

“The articles are all over the place. The average age of a welder is 55 or 60 years old,” said Butler. “We experience the same. I want to try to drop that age within our ranks.”

Students who complete the two-year vocational education program and graduate from high school can bypass the Pipe Trades’ traditional application process and enter the program without a waiting period. The program provides access to jobs, health benefits and boundless growth opportunities.

Students from the vocational program also earn $16 an hour – $4 more dollars than a typical apprentice.

Apprentices finish their training during a five-year program while earning money and working on Arizona’s largest, most exciting jobsites. At the end of five years, apprentices may become journeymen, who earn an even higher hourly rate. Supervisory positions are possible and many tradespeople eventually start their own businesses.

The Arizona Pipe Trades doesn’t employ the vocational program graduates. Instead, the organization works with contractors who rely on the Arizona Pipe Trades’ pool of certified and experienced tradespeople to complete jobs.

**Students already demonstrate aptitude**

The students from this program are high caliber, said Butler – just what he’s looking for. Once graduates officially enter the trade group as apprentices, they already have two years of welding experience. That’s two more years than a typical apprentice has.

“These are the type of kids who know they enjoy working with their hands. They know what it feels like – the joy of building something and standing back and looking at it when they’re done,” said Butler.

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**Helping Arizona’s youth**

Arizona Pipe Trades’ commitment to creating economic opportunity expands beyond helping to train next-generation professionals.

Business Representative Mel Ingwaldson’s volunteer work on the Yavapai Workforce Investment Board’s Youth Council helps disadvantaged young people stay on track. The workforce board relies on industry leaders to make it effective, and Ingwaldson represents labor.

The Youth Council helps people aged 16 to 25 who face at least two barriers to employment: a low-income family and a second, such as lack of a high school diploma.

“To the youth side, it gets really sad, but then you help them and it’s gratifying,” said Ingwaldson.

Each participant has an assigned case manager, who tracks the young person for one year as he or she stays on a personalized plan that may include finishing high school, entering college, or finding and keeping a job.

Ingwaldson offers his industry experience if a person happens to be interested in the pipe trades, but his biggest reward is giving back.

“Community service – that’s one of my biggest rewards of being on the board,” said Ingwaldson.

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continued on page 30
Scott’s childhood, and Scott attended schools in several states while growing up.

Soon after Scott moved to Arizona in 1979, his father arrived and the family began settling down.

**A UA family**

The Jennings family has a strong UA tradition. Scott’s grandfather was a UA plumber and his father is a retired member of 469. Scott’s younger brother belongs to 469 and his 22-year-old son was recently initiated, and now works as a Local 469 apprentice.

**Keeping up the pace**

Besides working on many of the nation’s largest projects and traveling extensively throughout the United States, Scott has also worked for General Electric in both Taiwan and England.

During his career, Scott has seen buildings grow larger and more complex, along with the infrastructure that powers them and the machines created to work on them. “I find it hard to believe what we can do,” said Scott. “Mankind, I mean.”

**Passing on experience**

Today, Scott learns all the emerging technology, and trains welders to use the newest automated welding machines. The TIP TIG, for example has just come out within the past year-and-a-half, and Scott is working to develop curriculum based around the new welding procedure.

Scott also teaches a journeymen upgrade class that focuses on skills needed to operate the Arc Machines Incorporated Model 227, an orbital welding machine used for large bore heavy-wall and high-purity pipe. Also, as an Authorized Testing Representative/Certified Welding Inspector, Scott tests welders two times each month at the training center.

**Training center is the future**

Scott says he teaches to support Local 469’s training program and its apprentices, who are the Local’s future.

“I believe in the Local and I believe in our training program very much,” said Scott. “To keep the program alive, I believe you’ve got to give back to the program. It’s our future.”
Asbestos-related illnesses may cause harm years after exposure

Asbestos-related mesothelioma

Many people were exposed to asbestos in the workplace between the years of 1940 and 1980. Asbestos, which is a fibrous mineral, was used to insulate homes. It was used in construction work, railroads, automobile repair and to line the pipes in many people’s homes.

Many tradespeople, including plumbers, pipefitters, boilermakers, insulators, carpenters, drywallers, plasterers, masons, tilesetters and sheetmetal workers, were exposed to asbestos while performing their jobs. Even family members are at risk from bystander exposures resulting from asbestos brought home on clothing.

Dangers of asbestos exposure

The trouble with using asbestos in the workplace and in the home was discovered too late for many workers. When asbestos fibers are released into the air, they are breathed in by workers and stick to the inside of the lungs. These fibers cause illnesses, including cancer, mesothelioma and mesothelioma asbestosis.

Unfortunately, signs of illness can appear years, even decades, after exposure, and there is no known cure. Many workers are unaware their exposure to asbestos is related to their diagnosis.

Smokers, for instance, often assume asbestos did not factor into their lung cancer. Even more troubling is many of the companies that used asbestos knew asbestos exposure was cancer causing and dangerous.

Pursuing justice for asbestos victims

In Arizona, many retirees reside here who have worked hard all their lives. Now, when they are ready to enjoy the best years of their lives, they are forced to deal with serious illness related to asbestos exposure.

We want to hear what happened at (602) 258-2002. We can help you or someone you know determine whether there is reason to file a legal claim against those responsible for causing your mesothelioma or other asbestos-related illness.

By Lou DeRoon, a personal injury and criminal defense attorney in Phoenix.

continued from page 15 - Training center upgrades learning technology

next closest process is eight pounds per hour.

Staying ahead of the curve difficult, but vital

For the most part, new technology is very important to keep track of. Most important is staying ahead of developing technology and keeping our people trained. Nobody said the equipment or highly trained instructors were inexpensive, but they are well worth the cost and effort for good job performance.
Over the past year, the Boys and Girls Club of Metropolitan Phoenix has collected 2,206 soccer balls, baseball bats, baseballs and other sporting equipment through Doug and Wolf’s Gear up for Kids program, run by the radio station KTAR.

Local 469’s Arizona Plumbing and Cooling Contractors is one of the fundraising program’s largest sponsors.

Gear Up for Kids runs for about one month each summer. During that time, people and organizations drop donated sports equipment off at designated collection centers throughout the Valley, including Walmart. Another way to support the program is by donating money.

**After-school academics and fun**

The Boys and Girls Club offers after-school activities for children, most of them aged 5 to 12. Although many children who attend are low-income, all children are welcome to attend.

Children frequent the club to build their academic skills through reading programs, learn life skills such as money management and participate in fun activities such as sports.

In all, nearly 14,000 youth attended Boys and Girls Club’s 12 facilities throughout the Valley in fiscal year 2010-11, and those children enjoyed 125,000 hours of organized sports and physical activity.

**Donations crucial for club’s survival**

Local 469 Business Representative Mel Ingwaldson said donations from Gear Up for Kids free up the Boys and Girls Club’s budget to purchase other things that it needs. About 12 percent of the Boys and Girls Club’s annual budget comes from donated materials and services, such as those from Gear Up for Kids.

Contributions – by far the nonprofit’s largest source of revenue – account for 39 percent of the budget.

**Giving back**

“A lot of members in our association went there,” said Mel about the Boys and Girls Club. “Even now, sons and daughters go there,” he added. “It’s a neat organization to give back to.” Mel himself frequented the facility at 23rd and Missouri avenues as a child.
APACC an original sponsor

APACC is one of the four-year-old program's original sponsors, said KTAR Sports Marketing Specialist Jackson Brennan. “They’re a huge key to the success that it has every year.”

Jackson said the program was a natural fit because of KTAR’s AM sports station. Sports, he added, are not only fun, they also promote skills such as teambuilding.

“We have two broadcasters who are passionate about helping out kids as well,” said Jackson.

They come for sports, but stay for learning

“Our kids come to us in large part because they enjoy sports,” said Lariana Forsythe, vice president of resource development, marketing and communications for the Boys and Girls Club of Metropolitan Phoenix. Sports attracts kids to the club, where they then learn about making smart exercise and food choices, in addition to participating in academic programs.

“We are so grateful for everyone who participates in this program,” Lariana added.

APACC helps the club keep its promise

Phoenix’s Boys and Girls Club has lost nearly $1.5 million in funding over the last couple of years, mostly due to the recession. Donations such as sporting equipment or money help backfill lost revenue.

“Our commitment was that our doors would stay open,” said Lariana. And assistance from groups such as APACC help make that promise come true for all the kids who have come to love the Boys and Girls Club.

BOYS & GIRLS CLUBS OF METROPOLITAN PHOENIX

Boys and Girls Club kids in Phoenix are grateful for the sporting equipment provided by Gear Up for Kids and Local 469.

Health-care sector provides many jobs

The health-care sector continues to provide many jobs, and I urge every member of Local 469 who doesn’t already have a medical gas certification to take a class at the training center and get one.

Two major upcoming health-care projects include University Mechanical’s renovation work on Banner Estrella Medical Center’s Tower 2 and a Bel-Aire Mechanical job at The Arizona Cancer Center.

These health-care projects are market recovery projects. We can all be proud of the way that program assists in creating work for our members.
Total Facility Solutions was wrapping up work on Mesa’s 1.3 million-square-foot First Solar facility in August as it segued into another large project. The two projects mark the company’s first foray into the Arizona market.

TFS is based in Plano, Tex., and began working in the Valley in 2011 when the First Solar plant broke ground. Since then, TFS has set up a Chandler office and won two more construction projects for a confidential customer.

At the peak of First Solar construction, TFS employed 75 Local 469 members on-site.

TFS installed the site’s base build process and high-purity piping, and also completed a small number of tool installations.

TFS supports Local 469

The next two projects for the confidential customer will employ about 150 Local 469 members at the peak.

Robert Fitts, TFS senior project manager and Local 469 member, said the company hires only union members to complete its projects because they’re highly trained and safety conscious. For TFS, safety is top priority and Local 469 members are already trained in safety, which provides value to all parties.

Unions also offer the ability to quickly mobilize any number of tradespeople for large projects.

TFS has active signatory contractor agreements with eight UA locals besides 469, including ones in Louisiana, New York, North Carolina, Texas, Utah and Virginia.

On technology’s front edge

Local 469’s commitment to training its members on the latest technology dovetails with TFS’ need to complete technologically advanced projects for its clients, said Robert Hill, TFS vice president/regional manager for the Southwest. One new Arizona project in particular uses a new welding process.

“‘They’re the testing ground and they’re doing a great job with it,’” said Robert about Local 469 members’ efforts in adopting the new process.
Industry-leading safety record

TFS’s culture emphasizes safety, and that commitment has resulted in 65,000 man-hours worked at First Solar without incident or injury.

“Everybody out there is a safety observer – you can’t only rely on supervisors” to spot every potential problem, said Robert Fitts. As a result of safety talks with employees at all levels, every TFS employee understands how to stay safe.

“We embrace safety as a value and engage each employee from entry level through upper management to make a personal commitment to ownership of safety in pursuit of an incident-and-injury-free workplace,” added Robert. The company’s experience modification rate is half the industry average.

Delivering process-critical infrastructure

TFS works in the semiconductor, life science, renewable energy, and science and research industries.

TFS offers a variety of services including turnkey process systems, turnkey tool installation, electrical services, gas and chemical systems, turnkey ultra-high-purity water systems, clean utilities and instrumentation and controls.

Many of the services TFS offers are also applicable to the renewable energy sector. For example, the type of piping used in the First Solar facility is the same that’s typically installed in clean rooms.

TFS looks forward to expanding Arizona operations and working with Local 469 members across the state.

“Safety is an obligation that should be equally shared by all of us. It is a measure of quality of life rather than just a predictor of schedule, quality, or financial success. Safety is a state of mind which drives resultant actions that should never be compromised. Safety is TFS’s ability and responsibility to protect the lives and well-being of every employee every day.”

Joe Cestari - TFS President
For once, the disturbingly familiar tale of a working person nearly losing his home didn’t end in tragedy, although it came close.

The auction date loomed close on the man’s house. Desperate, he contacted a group that said it could help stave off foreclosure. But the group was organized by crooks who swindled the man for $3,500.

Then, the man discovered Labor’s Community Service Agency, a non-profit that helps working people.

“We were able to intervene, and now we’re in the process of saving his home,” said Executive Director Jake Sedillo. The agency will help the man by guiding him through his options and negotiating with the bank on his behalf.

Helping working families for nearly 40 years

LCSA is a social service organization devoted to giving working families with financial trouble tools for success. It partners with United Way, and is affiliated with the AFL-CIO.

The program began in 1974, the same year that Jake first joined the retail clerks’ union. He became LCSA’s executive director on July 1.

The organization’s programs range from those that prevent foreclosure to others that provide transitional housing and job training for youths. A popular SHIFT program provides low-income, working families access to affordable cars – minus the predatory 25 percent interest rates on loans.

Most of the people LCSA helps belong to unions, and anybody who receives assistance must have some type of income and be willing to work full-time. “It’s not a hand out; it’s a helping hand up,” said Jake. “There has to be a commitment on their part.”

Programs teach lasting skills

Take, for example the transitional housing program, which connects homeless families with affordable housing that costs no more than 30 percent of a family’s monthly income.

Beyond helping the family find housing, caseworkers sit with clients and pour over receipts, analyze spending patterns and help clients plan budgets, including 10 percent for savings.

These methods are part of the helping hand up. Caseworkers teach clients how to be successful by confronting the so-called obstacles to stability. Other obstacles may include finding child care.

continued on page 29
TIG TIP TAKES OVER THE TRAINING CENTER

Tom O’Malley from TIP TIG USA and Justin Forni, a member of UA Local 411 in New Mexico recently visited the Joint Apprenticeship Training Center for a three-day class during which Local 469 instructors learned how to use the revolutionary new welding tool TIP TIG.

The tool is so new that Local 469 is one of just six locals nationwide to own it. TIP TIG increases production from anywhere from 100 to 300 percent.

Classes for members to learn how to use the tool began this fall.

continued from page 28: Non-profit teaches skills for a better future

or a better paying job.

In LCSA’s home rehabilitation program, low-income Phoenix residents with homes in disrepair can be eligible to receive, for example, electrical work or new heating and air conditioning systems that bring their homes up to code.

Breaking the cycle of poverty

LCSA’s partnership with YouthBuild allows young people to work on these renovation projects, learning construction skills and often earning their GED. After graduating from the program, students have the opportunity to enter union apprenticeship programs.

Dollar-for-dollar tax credits support program

Taxpayers can receive a dollar-for-dollar tax credit on their Arizona state income taxes when they give to LCSA. This means you can benefit LCSA and the families the organization serves without any out-of-pocket costs.

People filing a single tax return can donate up to $200. If filing jointly, you can donate up to $400.

More information: www.lcsaphx.org
Students have already proven their interest and aptitude, which is why the Arizona Pipe Trades allows them to bypass the traditional application process. Working in the pipe trades and learning the craft can be difficult. However, the industry offers good wages and ample job opportunities.

Welders make on average $20 an hour, according to the Arizona Office of Employment and Population Statistics. Welders can also expect an industry growth rate of 15 percent through 2010, slightly higher than average, according to the Bureau of Labor Statistics.

Sure the work is challenging, but those wanting to learn the art of welding and embrace the challenge of working hard every day will find a well-paying career with comprehensive benefits and endless growth opportunities.

A display of pipe in the East Valley Institute of Technology gets students acclimated to the trades’ materials.
Many travelers I have spoken with are aware of the caliber of training we offer at the JATC, and are taking every class they can fit into their schedules. They understand that knowledge of current technologies and techniques offers strategic and competitive advantages.

I would like to see every member continue to enhance his or her training, enrich his or her knowledge base, and gain valuable certifications through our exceptional training center. These moves will guarantee that Local 469 will continue to carry the reputation for staying current with industry trends and ahead of the curve in regards to the piping industry’s changing needs.

**Save money and resources by using email**

Another way we can adapt to our industry’s changing needs and responsibly conserve our resources is to use email. Email is already one of the most common ways to communicate, especially in business.

We all are aware that many are apprehensive to change and adopting new systems of communicating.

The reason is quite simple; change can be stressful and at times feel overwhelming.

**Using email essential to effective communication**

We are now at the stage in our Local where implementing email communication is essential to the timely flow of valuable membership information, meeting or event updates, and requests from committees and so forth.

My goal is to create and maintain an up-to-date email database for our membership over the next six months. This will allow us to share knowledge and information on a functional, real-time basis with our members, at zero cost.

**Cut costs by using email**

If we can reduce the cost of conveying information by eliminating most mailings and instead relaying messages through email, it creates a win-win for our Local.

**UANET.org offers vital member information**

In line with accessing the Internet, I just read an interesting statistic. Out of our nearly 3,000-member Local, only 360 members have accessed the UA members-only section of the www.uanet.org website.

If you are one of the 2,640 who haven’t looked over this website, please take the time to check it out because the site contains important information.

If you do not feel confident using the Internet or email, it may be worth investing some time into a short community course to learn or improve your skills in this area. These inexpensive, and sometimes free, classes are often offered at libraries or community centers.

Another option is to ask your kids or grandkids to help you. It seems this generation is quite savvy in many things technological and is willing to share the knowledge.

**Change continues**

The only thing constant is change and we will guarantee a strong and viable future for Local 469 by staying abreast of current industry trends, technological advancements and communication systems.

**Call the hall, and sign up to our email list!**

Please help out with this communication upgrade project by calling the hall – or filling out the form on page 14 and mailing it to the hall – to ensure we have your correct contact information and a current email address. We need this information for each and every member.

Also, remember to sign up for any JATC courses that will benefit you by expanding your knowledge of current technologies and techniques so that you and your Local 469 will continue the proud legacy of strategic and competitive advantages for which we are known.
equipment and its improved techniques, the days of predominantly gas welding would soon end, although gas welding is still used today if a power source is not available. While the first crude arc weld was discovered in Britain in 1808, it was not widely used in the U.S. until the 1930s.

With improvements in the flux-type coating that allowed the metal to flow with a proper consistency, arc welding helped meet the manufacturing demands for World War II.

Technological advances in metallurgy during WWII and the years that followed led to using alloy-type metals.

**Need drove innovation**

Once again, development in joining these metals had to take place. Several arc welding techniques changed with the development of submerged arc, tungsten arc welding and gas metal arc welding.

These methods provided a faster weld of ironless metal. During the 1950s, welding procedures advanced again with the invention of flux-core welding, which could be automated for less labor-intensive procedures.

**Tungsten Inert Gas (TIG)**

Tungsten Inert Gas (TIG) was developed in 1904. This method used a tungsten rod that would not consume itself under intense heat, along with a welding rod that had a flux-cover coating.

While the welding was performed, the flux coating would melt off and shield the weld zone from the outside atmosphere.

In the 1930s, advancements to the flux coating created an even a better weld than before, and this increased productivity substantially.

The TIG procedure we are familiar with today is also referred to as Heliarc. In the 1940s, the industry adopted helium as the shield gas, along with bare wire to make the welds on alloy and carbon-steel piping.

With the discovery that argon could be used as a shielding gas at a more affordable price, helium soon faded as the shield gas, but stuck as the name.

**TIG advances continue**

Today there is advancement in the TIG welding application with self-fed wire units. These units allow for longer weld times under the hood and fewer starts and stops. This method produces a better-quality weld.

**Orbital welding arrives on scene**

Orbital welding started in the 1960s in response to the needs of the aeronautic and space industry.

A design engineer in the industry needed to discover a way of making consistent welds on tubing that were suitable for spaceships. The welding machines were initially large and not suitable for travel or field welds, which limited their flexibility.

Welding techniques required the tungsten to rotate several times around the pipe or tube before breaking the metal down to make a weld.

In the 1980s, power source and welding equipment advancements made orbital welding more user friendly, and the ability to make consistent, high-quality welds opened the market for this welding procedure.

Today, orbital welding is used in the nuclear, pharmaceutical and semiconductor fields, as well as its original home in the aerospace industry.

**Take a welding class**

In all of the welding procedures noted above, it is imperative for the procedure to get done correctly.

I ask each and every one of my brothers and sisters to take a welding class. You just may have a knack for it.

And for our current welders, don’t forget to keep your certifications current. The more certifications you have, the more valuable you are!

See if you can reach out to welders who are of top quality and let them know that the UA and Local 469 need them!
fall 2012

Arizona PIPE TRADES Reporter

33

continued from page 11 - High-tech replaces pencil and paper at dispatch

this software and all information regarding any UA member is stored in this database. It is a very powerful, user-friendly tool, and provides any tracking service you would ever need or want. Reports can be generated faster and more accurately than before to track the ratio of journeymen to apprentices dispatched, or the ratio of name calls to open calls.

If the program doesn’t have the capability to do something we need, Integrated will modify its software to meet our needs, if possible.

We often think of technology only when we look at kids walking around texting like crazy, but that same technology has helped our Local become the best Local it can be.

Computers simplify dispatch

Dispatching today has become a much smoother process. The contractors email their requests for manpower to the hall everyday by 3 p.m. The requests are entered into Union Manager by your local union office staff.

When all the manpower requests have been entered, a dispatch report is generated and printed. That list of calls is read on the job line recorder as a courtesy to our members so they can hear in advance the next day’s dispatch.

If you are interested in a work call, all you need to do is leave your information on the job line recorder – whether you are down the street or 100 miles away. You can also register in person by signing the registration list by 9:15 a.m. The registration list gets combined with the phoned-in list of registrants, and dispatch is done from the combined list.

There is always a fresh pot of brewed coffee and ice cold bottled water in the hall during dispatch.

Modern-day dispatch

When picking up a dispatch, it is now done with computers and software. Members’ names are placed on the list in the order that they call, and dispatchers read the names off the list in order.

Dispatches are generated with the Union Manager software, and list everything from the member’s name, jobsite, directions and comments, to a list of the member’s benefits according to the current collective bargaining agreement. The software records the date, what job the member took and the contractor they went to work for. All the information can be accessed for future reference.

The software also keeps track of all the member’s dues payments, so there is rarely a discrepancy. We believe that tracking members’ money is a very important part of your union. This program allows us to ensure that we record the hall’s finances in the best way possible for our members.

Dispatch update

Dispatching has slowed down this month compared to the last six months, although we still have more than 700 travelers working out of our Local. It is nice to know that we can help out so many people who have been out of work for so long. Work is still very steady, although there have been a few layoffs.

The contractors are still gearing up for tool install at Intel and we also have two hospital projects coming up. We will still need assistance from our UA traveling brothers and sisters for a while.

I hope that work in our travelers’ home towns picks up when our work slows down so they can get back home to be with their families. It has been a real asset having the help when we needed it from members all over the country, but I am sure those members would rather be with their families if they had a choice.
**MEMBER NEWS AND UPDATES**

**Congratulations and welcome to our new members!**

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<td>Brendon M. Sage</td>
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**IN MEMORIAM**

Local 469 honors the following recently departed members:

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<tr>
<th>Name</th>
<th>Initiated</th>
<th>Passed Away</th>
<th>Name</th>
<th>Initiated</th>
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<td>Ralph Benson</td>
<td>01/07/1955</td>
<td>09/02/2012</td>
<td>George Russi</td>
<td>04/04/1969</td>
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<td>Eammonn Boyle</td>
<td>04/21/1952</td>
<td>07/11/2012</td>
<td>Robert Tellier</td>
<td>05/07/1954</td>
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<td>Anthony Delgado</td>
<td>05/01/1973</td>
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<td>Donald Ulyce</td>
<td>09/18/1999</td>
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<td>Edward A. Mendoza</td>
<td>05/04/1956</td>
<td>08/18/2012</td>
<td>Ed R. Woodruff</td>
<td>03/17/1979</td>
<td>08/25/2012</td>
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<td>Thomas Moede</td>
<td>09/24/1940</td>
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UA Local 469 member Quinton Short had a successful day hunting after capturing a bull in Arizona with his father.

UA Local 469 member Thomas Peart caught these Apache Trout at Sheep’s Crossing near Greer, Ariz., at an elevation of 8,000 feet on Aug. 5, 2012. The fish are stockers, and measure 8 to 11-inches long, but they are fun to catch.

Send us your pictures by emailing suzanne@thetorresfirm.com

### 2012 Upcoming Events

**Union Meetings**
Friday, Oct. 19, 6 p.m.
Friday, Nov. 16, 6 p.m.
Saturday, Dec. 15, 9 a.m.

**Retirees’ Meetings**
Tuesday, Oct. 9, 10 a.m.
Tuesday, Nov. 13, 10 a.m.
Tuesday, Dec. 11, 10 a.m.

**Volunteer Events**
BIG Day of Action – Saturday, Oct. 20. Sign up today for this year’s most important volunteer event by emailing feruza@thetorresfirm.com.

*Unless otherwise noted, all events take place at the AZ Pipe Trades 469 Hall, 3109 N. 24th St. Phoenix.

### INFORMATION CHANGE FORM

If you have changed your address, phone number or area code, use this form to send the information to Fringe Benefit Services immediately. Completely fill the form out, sign on the signature line and mail to:

Fringe Benefit Services • 7010 North Broadway, Suite 106 • Denver, CO 80221

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<th>New Phone #</th>
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<table>
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<tr>
<th>Former Address</th>
<th>New Address</th>
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</thead>
<tbody>
<tr>
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</tbody>
</table>

Signature

*Send us your pictures by emailing suzanne@thetorresfirm.com*
2012 General Election - Nov. 6

Once every four years, an incredible opportunity arises. You get the chance to influence decision makers - the people whose rules affect the size of your paychecks.

Resist the urge to sit this one out.

Silence doesn’t put food on the table. Vote on Nov. 6