

488 EDUCATOR

Strength Through Education

news

Director of Education

Chris Waples

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WELD TEST CENTRE**

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Weld Examiner

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Kristine Wilson

WTC Shop Technician

Mario Fantini

Message from Chris Waples Director of Education



Chris Waples

**EPT hopes everyone had
a successful and safe fall
turnaround season!**

The year 2023 saw a couple of long standing and excellent instructors retire. EPT would like to recognize Glen Aspen and Ron Beaudette for their dedication and years of service providing outstanding instruction to our

members. I would like to take the time to welcome Peter Moskalyk and Aman Woldegiorgis to our instructional staff. They are both excited to start their instructional careers and have large shoes to fill. EPT would like to welcome Justine Almachar to our Administration Staff team. Justine started with EPT in November 2023 and is an excellent resource for our 488 members.

I am actively representing the EPT, UA Local 488 and our trades on numerous Government of Alberta and AIT committees as apprenticeship policies and procedures continue to evolve. The new STAE Act has abolished all PACs and LACs as the industry voice for the Alberta Apprenticeship Board. AIT has provided other means for industry to be at the table.

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Mission Statement

The mission of the UA Local 488 Education and Training Department is to equip the UA Local 488 and their signatory contractors with educational resources for developing the skills of their apprentices and journeypersons.

By facilitating the training needs of the membership, we maximize a member's employability and prepare them for changes in the industry.

We are committed to making training opportunities available allowing members to acquire new skills and remain competitive in the industry.

In this way, we are determined to meet the needs of the piping industry and enhance employment opportunities for our members, while remaining fiscally responsible to the beneficiaries of the fund.

CONTINUED... Message from Chris Waples Director of Education

A few examples of committees I sit on are:

1. ARP – AIT Assessment Research Project – This committee has been formed for a 24-month term to provide a report to the Minister on different assessment models used Canada and worldwide and how they may or may not enhance our Alberta Apprenticeship assessment model.
2. AEP – Apprenticeship Education Program Standards Industry Engagement – This committee's mandate is to review the Standards section of the STAE Act and work towards a new competence portfolio, and the standards of classroom and on the job learning.

Applying and being accepted on these committees is vital as EPT and UA Local 488 are represented with a voice as the new STAE Act evolves.

The 2023-2024 school year has started, and apprenticeship classes are well under way. The number of Alberta apprenticeships have increased in the past year by over 10% which has been felt by the registration numbers at the APTC. The apprenticeship classes are filling very quickly with a few spots open for the spring intakes of apprenticeship training. If an apprentice needs to attend block training, contact the APTC quickly at 780 488 1266 to reserve your seat. I must remind all apprentices that every apprentice **MUST**

go to school every year to ensure they are completing their apprenticeship program on schedule and their apprenticeship with AIT remains in good standing.

EPT is proud to partner with TEPF, EPSB and ECSB to bring three full time high-school pre-trades programs to the APTC starting in February 2024 and ending in July 2024. The APTC, instructors and staff are recognized to be the premier choice for our high school students to attend to receive high school credits while exploring the trades. EPT also welcomes a Tradewinds to Success class starting in February 2024 that will provide young Indigenous people the opportunity to receive pre-trades training before starting their career in the mechanical trades.

EPT and the UA Local 488 are proud to host the 2024 Western Regional Apprentice Competition at the Alberta Pipe Trades College from April 29 – May 3, 2024. All seven Western Canada UA Locals will be sending apprentices in five trades (Plumber, Steamfitter-Pipefitter, Welder, Sprinkler Systems Installer and HVACR) to compete against each other. All five trades will declare a winner who will then represent Western Canada in Halifax, NS at the Canadian UA Apprentice Competition. Look for more information regarding this exciting event in the early spring.

The APTC will be a very busy place in 2024.

instructor SPOTLIGHT



MARK F. ROBINSON

Started the trade in 1983 in Ontario as a pressure welder/fitter.

Slowly made my way west and joined UA Local 179 in 1990.

Through the UA I developed a broad spectrum of experience within the piping industry.

I greatly benefitted from the high-quality training in the UA and set my sights on becoming a part of it later in my career.

Worked on a great variety of projects in construction and maintenance. Gas plants, Refineries, Upgraders, Chemical plants, Pulp Mill turnarounds, Big inch Compressor stations, Pumping stations, Mines, shop fabrication,

Pipeline and Hot tapping, all in seven provinces.

This broad spectrum of experience produced a desire to pass on the skills I had developed. After moving into Alberta, I inquired about teaching when I was renewing my B certification at Red Deer College, and I was presented with an opportunity that I decided to take. In 2006 I began my instructional career, which led me to merging my two career passions of the Union and instructing trades here at APTC in 2010. As the first welding instructor at APTC, I was able to bring all my prior knowledge and experience into developing the welding program. I am grateful for the opportunity to strengthen 488 and the UA through instructional duties while continuing my career. There has been great reward training the next generation of union tradespersons and I look forward to being a part of the future growth of our local and its' training programs.

Weld Test and Training Center News

All Certificates of Competency for pressure welders are issued by ABSA.

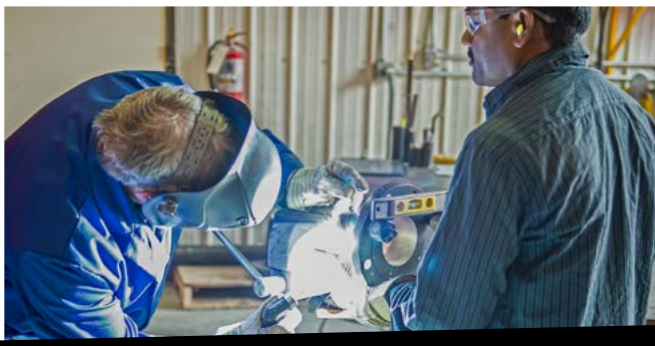
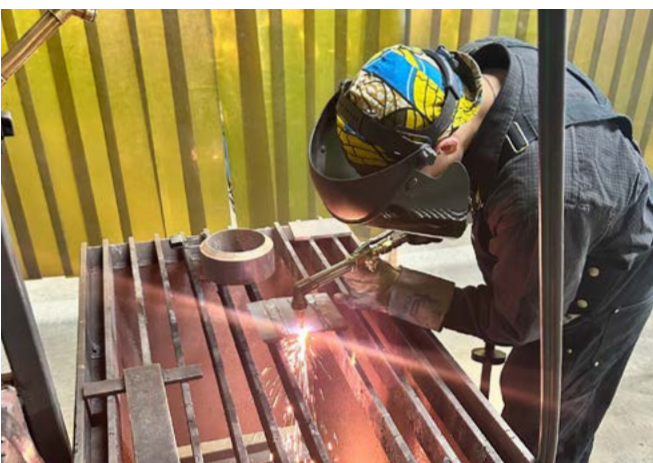
ABSA (Alberta Boilers Safety Association) is the pressure equipment safety authority for Alberta. ABSA administers Alberta's pressure equipment safety programs under the Safety Codes Act and has the authority to enforce pressure equipment safety as set out in the legislation.

To ensure public safety, pressure welders are required to demonstrate specific skills and knowledge before they are allowed to weld on pressure equipment in Alberta. The Certificate of Competency authorizes the holder to weld on pressure equipment, subject to the limitations prescribed in the Pressure Welders Regulation and described on the PQ Card held by the certified person.

Responsibilities

Pressure Welders or Machine Welding Operators have several responsibilities under the Safety Codes Act and Regulations. Some of these responsibilities are:

- perform welding within the limitations of your performance qualification card.
- perform welding in accordance with a welding procedure registered for use in Alberta.
- perform welding under a valid quality program for construction, modification, or repair of pressure equipment.
- ensure that your certificate of competency and applicable performance qualification card are available when performing welding on pressure equipment.
- renew your certificate of competency or performance qualification card before the expiry date.
- identify your weldments by assigned symbols except for Pressure Tack Welders





2023 Instructor Training Program Report

AUGUST 12 – 18, 2023

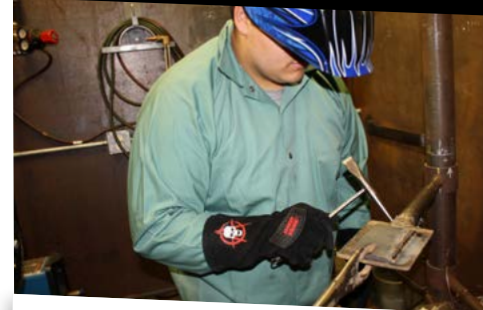
The United Association (UA) Education and Training Department annually offers an Instructor Training Program for all UA instructors across North America and Australia to continue their development as an instructor. This year marked the 69th program, with more than 30 years held at Washtenaw Community College (WCC) in Ypsilanti, Michigan. This year the ITP program had more than 2000 UA instructors enrolled in the program. Our UA instructors have the opportunity to complete professional courses offered through the college to graduate the Instructor Training Program with a diploma from WCC as a Certified Instructor. The UA offers hundreds of trades related courses and certifications that our instructors can bring back to offer our membership.

Edmonton Pipe Trades was represented this year with six instructors at ITP and we have been participating in this program for decades as Edmonton Pipe Trades strives to continue to professionally develop our instructors for the benefit of our UA Local 488 membership. Our college now has three graduates of this outstanding collaborative program between the UA and WCC.

Congratulations to Mark Robinson on your 2023 graduation and to Craig Olsen and Lewis Hill on your prior graduations of the Certified Instructor program!



Canadian UA Instructors group



**free CLASS for 488
FAMILY UA MEMBERS**

INTRODUCTION TO WELDING

**DATES: CALL APTC at
780-488-1266 to inquire.**

8 AM – 3:30 PM

Bring your family members and friends to explore the fundamentals of a career in welding by practicing the safe use of welding equipment, trying wire feed welding and learning various fabrication processes. You will weld, meld and create. You will have access to proper safety training in both hand and industrial power tools regardless of your level of experience. Grab the tools, supplies, and get welding.

- Full Employment
- Diversity within the industry
- It pays well
- It's enjoyable work
- You learn valuable skills to use outside work
- Multiple career paths
- You can travel the world as a welder

**Free for all family members (sons, daughters, nieces, nephews, sisters, brothers etc.) of 488 members that are IN GOOD STANDING.*



NAUSC Online Foundations Program

The UA Foundations Program is designed for new and existing UA members to learn more about the organization they are a part of. This program provides insight to the world of trade unions, the structure of the UA and its core values. It will touch on the history and heritage of the United Association including labour history in North America. Participants will also learn about the benefits of a union membership, the importance of training, mentorship, and the apprenticeship process in Canada. UA Foundations will also cover the significance of diversity management and introduce participants to financial literacy for construction trades workers.

Students will have an understanding of:

- The Structure of the UA,
- The Heritage and History of the UA
- Benefits of union membership
- UA Training
- Apprenticeship in Canada
- Mentorship
- Diversity Management
- Financial Literacy

Access to the course is found at nausc.link/foundations. All members will need their UA Card number to login and access the materials. New members are automatically sent an invitation through our office. Your Local Training Director will be notified of your successful completion of this program.

Welder Performance Qualification Test

Welders in the pipe trade industry must have a basic understanding of many things, one of which is their welding Performance Qualification Card and the variables that apply. The illustration provides a more in depth look at the meaning of the information found on a PQ card.

"F" Numbers are assigned based on their usability characteristics


which determines the ability of the welder to make satisfactory welds with a given filler metal

"P" Numbers are assigned based on comparable base metal characteristics such as composition, weldability and mechanical properties

Pressure Welders Regulation
(Alberta Regulation 169/2002)
- Prohibitions 2(1)

No person shall weld a boiler, pressure vessel, pressure piping system or fitting by any method unless the person holds a certificate of competency, including a performance qualification card, that specifically authorizes the person to weld the pressure vessel, boiler, pressure piping system or fitting

Welder Performance Qualification Card

 <p>Edmonton Pipe Trades Educational Trust Fund AOQP No. _____</p> <p style="text-align: center;">WELDER PERFORMANCE QUALIFICATION CARD</p> <p>Name _____ File No. _____</p> <p><small>This card is issued pursuant to the Safety Codes Act and the Pressure Welders Regulation. The performance qualification is in accordance with Section IX of the ASME Code and subject to the limitations on the reverse side.</small></p> <p>Date of Test _____ Welder/Welding Operator Signature _____</p> <p>Welding Examiner Name _____ Card No. _____</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">PERFORMANCE QUALIFICATION</th> <th style="text-align: left;">Card No.</th> </tr> </thead> <tbody> <tr> <td>Process(es) _____</td> <td>Materials (P. No.) _____</td> </tr> <tr> <td>Max Deposited Weld Metal Th. _____</td> <td>Minimum Pipe Dia. _____</td> </tr> <tr> <td>Filler Metal Group (F No.) _____</td> <td>Positions Qualified _____</td> </tr> <tr> <td>Backing _____</td> <td>Backing Gas _____</td> </tr> <tr> <td>Progression _____</td> <td></td> </tr> <tr> <td>P.Q. Expiry Date _____</td> <td>Signature of Examiner _____ File No. _____</td> </tr> </tbody> </table>	PERFORMANCE QUALIFICATION	Card No.	Process(es) _____	Materials (P. No.) _____	Max Deposited Weld Metal Th. _____	Minimum Pipe Dia. _____	Filler Metal Group (F No.) _____	Positions Qualified _____	Backing _____	Backing Gas _____	Progression _____		P.Q. Expiry Date _____	Signature of Examiner _____ File No. _____
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A change in any of the variables listed on your performance qualification card will require additional welder performance testing to prove your ability to produce sound welds.

Process	SMAW – Shielded Metal Arc Welding GTAW – Gas Tungsten Arc Welding GMAW – Gas Metal Arc Welding FCAW – Flux Core Arc Welding MCAW – Metal Core Arc Welding
Material (P No.)	P No. 1 – Carbon Steel P No. 3 – 0.5 Moly or 0.5 Chrome/Moly P No. 4 – 1.25 Chrome, 0.5 Moly P No. 5A – 2.25 Chrome, 1.0 Moly P No. 5B – 5 Chrome, 0.5 Moly or 9 Chrome 1.0 Moly P No. 8 – Austenitic Stainless Steel P No. 41-47 Nickel
Max Deposited Weld Metal Th.	This is the maximum amount of deposited metal allowed, welders may not deposit a thickness greater than that indicated on their performance card.
Minimum Pipe Dia.	The minimum pipe diameter qualified to weld this is the actual pipe diameter as measured <u>NOT</u> the nominal pipe size (NPS)
Filler Metal Group (F No.)	F No. 3 – Steel & Steel Alloys F No. 4 – Steel & Steel Alloys F No. 5 – Steel & Steel Alloys (Stainless) F No. 6 – Steel & Steel Alloys (Stainless) F No. 21-26 – Aluminum & Aluminum Alloys F No. 41-46 – Nickel & Nickel Alloys F No. 51-56 – Titanium & Titanium
Position Qualified	1G – F – Flat 2G – H – Horizontal 3G – V – Vertical 4G – O – Overhead 5G – Pipe Horizontal Weld Vertical 6G – Pipe in 45 deg
Backing	Qualified with open root you will be able to weld with or without backing Qualified with backing material/plate you are restricted to welding with backing only Double welded groove welds are considered welding with backing
Backing Gas	Qualified with a backing gas you are restricted to welding with backing gas only Qualified without a backing gas you will be able to weld with or without backing gas
Progression	A change from upward to downward or from downward to upward in the progression specified for a vertical weld. Flat & horizontal welding progression is not applicable

John Tackaberry Future Leaders Award 2023

The Building Trades of Alberta (BTA) awards the John Tackaberry Future Leaders Award every year to a Building Trades Apprentice that is passionate about leadership.

The description can be found on the BTA website (bta.ca) but here is an excerpt:

Are you a Building Trades of Alberta apprentice who's passionate about leadership? Do you show drive and commitment to be a leader at home, on the worksite and in your community? Then enter to win the John Tackaberry Future Leaders Award and \$1000.

John was a father, a friend, a brother and an incredibly skilled tradesperson. In all he did, he was a leader. John served on many committees, held numerous leadership positions and mentored members as they progressed in their careers. However, leadership isn't always about having the spotlight, the title, or the authority. True leadership comes in all shapes and sizes. It's about taking the initiative and helping those around you. It's about making a positive impact at your work,

home and in your community. Real leadership has to be lived and that was something John excelled at.

This award was created to honour his passion for others. Write an essay that describes your commitment to leadership and show us what makes you a true leader and you could receive the John Tackaberry Future Leaders Award along with \$1000!

UA Local 488 apprentice Francis Latourelle-Diotte's four page essay, **"My Unwavering Commitment to Leadership"**, was presented the John Tackaberry Future Leaders Award by an independent panel at the 2023 BTA conference.

Congratulations Francis!

The future looks bright with apprentices like Francis leading the way!

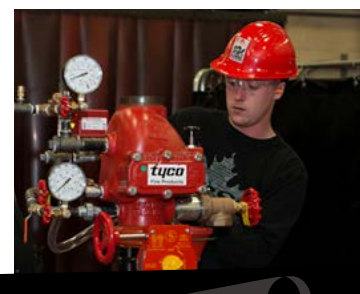
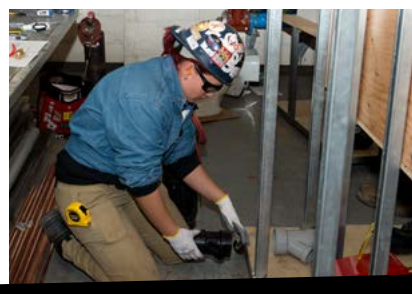


UA Local 488 Apprentice Scholarship

UA Local 488 apprentices may be eligible for an Apprentice Scholarship when he/she completes a level of their apprenticeship program. Apprentices may apply for their scholarship money with the Education Department after completing their level of apprenticeship program. The requirements an apprentice must meet to qualify for the scholarship are:

1. Must be a member in good standing at the time of attending Apprenticeship school or challenging the period exam.
2. Blue Book Stamped by the Apprenticeship Board OR AIT ID Card
3. Letter from Alberta Learning with your period marks
4. School Receipt (Tuition Fee)
5. Signed Promissory Note
6. Must have 1200 Local Union 488 Contractor Contributed hours.
7. If you are Journeyman, please bring your Journeyman letter from Alberta Learning or your Journeyman certificates. You will also be required to submit your UA Card so that we can send it to head office.
8. Apprentice scholarship may only be received within 2 years of completion of trade school dates.

Please contact the Education Department at 780-488-1266 or visit the UA Local 488 website at local488.ca/members/documents-forms for further information.



“Work Force” Ready

A UA Local 488 member will be required to have these certifications before being dispatched.

1. Confined Space Entry Monitor - **Defined Benefit \$130**
2. Fall Protection – **Defined Benefit \$130**
3. Mobile Elevated Work Platform - **Defined Benefit \$140**
4. Half Mask Fit Testing – 3M 6000 series and True North 7700 series - **Defined Benefit \$60**
5. CSTS 2020 - **Free**
6. Common Safety Orientation (CSO) - **Defined Benefit \$69**

UA Local 488 members who are qualified can be reimbursed up to the defined benefit amount, see above. Please contact one of our preferred providers ACTI 587-340-3849 or Touchback Safety 780-455-5573 to book an appointment. Advise the provider that you are a 488 member to receive the special pricing.

UA Local 488 members that choose to obtain their training and certification from another Safety provider will only be eligible for the Defined Benefit.

Receipts, safety cards, and course applications can be emailed to safety@ept488.ca to apply for your benefits or visit our office.

CSTS 2020

Alberta Construction Safety Association has extended the offering of CSTS 2020 online for no charge at their website youracsa.ca for anyone to become certified.

CSO

Energy Safety Canada (ESC) offers the Common Safety Orientation (CSO) certification online at their website energysafetycanada.com.

PCST

UA Local 488 member will submit an email request for PCST certification to heather.carlson@ept488.ca. The request must include your first name, last name and UA card number.



EFT's Now Available

Edmonton Pipe Trades (EPT) is continually striving to best serve our membership and at the same time working hard to reduce our impact on the environment. We can reduce our carbon footprint, while implementing processes that are beneficial for our business and membership.

EPT is pleased to announce we are now able to remit payments electronically via online banking and Direct Deposit (Electronic Funds Transfer - EFT) for Work Ready Workforce Safety benefits and Apprentice Scholarship benefits.

This new service will reduce the possibility of fraud from lost or misdirected cheques and eliminate the uncertainties associated with the timing of payments, as you will know exactly when your funds will be transferred. The transfer dates for all EFT's will be the 1st and 15th day of every month.

If you wish to participate in EFT, please contact the EPT office or visit local488.ca/members/documents-forms/ for the updated forms.

**CLASSES
START SOON!**

Information at
albertapipetrades.ca

Upcoming Courses

1ST YEAR COMMON CORE

January 8 – March 1, 2024
May 6 - June 28, 2024

2ND YEAR WELDER

January 8 – March 1, 2024

3RD YEAR WELDER

March 4 - April 26, 2024

3RD YEAR STEAMFITTER-PIPEFITTER

January 8 – March 1, 2024

4TH YEAR STEAMFITTER-PIPEFITTER

May 6 – June 28, 2024

3RD YEAR PLUMBER

March 4 – April 26, 2024

4TH YEAR PLUMBER

May 6 – June 28, 2024

AWWA Cross Connection Recertification

January 29, 2024
February 20, 2024
March 28, 2024



Open your Options
with Alberta Pipe Trades College

Call 780-488-1266 or visit albertapipetrades.ca for full course offerings

