



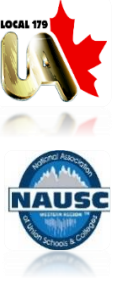
“Your Training, Your Future” 2021

Saskatchewan Piping Industry Joint Training Board

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Season's Greetings



BRAD FUNK, Director of Training

Hello Brothers and Sisters

I would like to first say that I hope yourself and your family have been safe and healthy during this time. It has been a challenging and frustrating year and 9 months for everybody with this pandemic, I am sure. We had plans of releasing this newsletter earlier in the year but every time we went to release it, the Saskatchewan Health Authority changed their mandates. So, we decided to set this one in stone and release it before Christmas. This newsletter will be sent out to give updates every 6 months. As far as scheduling training we are doing a three-month schedule for both Regina and Saskatoon and will be updated at www.saskpiping.ca under Calendar of Events. We also add these course updates on Facebook; add us to your account. If there are courses that are not on the three month schedule, there is a waitlist area on our website where you can request a course. If we get the right number of participants, we will get it scheduled in.

Second with COVID, this has created some real challenges with training in our two facilities. When the pandemic first happened, we purchased virtual seats with D2L Brightspace LMS (Learning Management Systems). This was a UA National initiative even before the pandemic hit. With this LMS system we have been working on loading up these courses and now are able to offer a lot of our theory-based programs online like our Steamfitter/Pipefitter Red Seal Upgrader, Plumbing Red Seal Upgrader, Domestic Gas, General Gas and Medical Gas. These are still instructor led courses online, but it has helped us as an organization to adapt to the pandemic but also has helped us deliver these courses across Saskatchewan and save members travel time to where they can take them from their location, instead of traveling back and forth to Regina and Saskatoon.

In the New Year we have a fair amount of training scheduled. We have NAUSC Fusion, NAUSC Shop Steward, Steamfitter IP Prep, Plumber IP Prep, Telehandler Training, CWB, Tig Welding and our ongoing safety programs, which will be run every two weeks. These courses are all scheduled for Regina and Saskatoon. It will be busy to kick off the New Year! We have a lot of certifications to offer and great facilities to train in.

Now to talk about our Work Ready Safety Training Program. We have been delivering AWP, Fall Protection and Confined Space theory online through Microsoft Teams or Zoom and then having the



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students come and write their exam and perform their practical at our facility at scheduled times to meet the health authority requirements. The training in the new year is scheduled every two weeks at both facilities and there is no longer any cost for our members for these programs in the new year. I would like to personally thank Mike McLean and the Executive Board as it was decided that Local 179 would take over the associated costs for these programs since the Education Trust was never set up for Safety Training.

In the first quarter of this year, we will be receiving our phone application for Local 179 members. This application will hold all your certificates and credentials. You will be able to request courses and book training through this app. This application will be able to push notifications when tickets expire and give you updated news of what's going on with Local 179 and Saskatchewan Piping Industry. We are very excited to get this rolling out. If you haven't already sent in your certificates that we do not have on file, please do so.

I would like to formally welcome Tom Thompson to our Saskatchewan Piping Industry team. Tom will be taking care of our Regina facility and taking care of the Work Ready Safety Program along with all our curriculum. Regina is a beautiful facility equipped with a welding shop, pipe shop and classrooms space that you, our membership, should be proud that you own a space like this to train at. Over the last couple of years, we have scheduled numerous courses for certification in NAUSC McElroy Fusion, Controlled Bolting, Cold Cutting, Medical Gas, Foreman and Shop Stewart programs, etc. When we have scheduled these courses, we get the same three people signing up, which does not make it feasible to hold these courses in Regina with this low of numbers, so we end up getting these members to attend in Saskatoon where we are able to have a full class. I would like to thank these individuals for doing so. It would be nice to see the Regina area members sign up and try and get more involved in our courses. We have a lot of new equipment and new courses available, and it would be nice for everybody to fill these classes and use this facility as it was designed for.

Moving forward we will be continuing to bring on more new courses in the next year. We are in the last phase of development in our AWWA Cross Connection Course that we have had approved in Saskatoon to be a certified AWWA Training Center in April of 2021 and will have Regina certified in the new year. We also will be bringing on NAUSC Trimble Systems for Building Information Modeling training which we will be receiving new equipment from UA Canada in the new year. I feel proud to be a Local 179 member and look forward to seeing these facilities, and courses advance for years to come.

Lastly, I would like to wish everybody a Merry Christmas and a Happy New Year.

Fraternally Yours,
Brad Funk



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ABILITY
is what you're capable of doing
MOTIVATION
determines what you do
ATTITUDE
determines how well you do it

JOURNEYPERSON

Many of you will be taking courses in the coming months that will require you to have verification of experience so you will need Form 6A's, which are available through the Training Office, our website, or Sask Apprenticeship website. Form 6A's must be completed by the company you work for and be completed with the supervising journeypersons ticket number and name. Sask Apprenticeship requires Form 6A's when you apply for testing.





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APPRENTICES

SASKATCHEWAN PIPING
INDUSTRY JOINT TRAINING
BOARD



APPRENTICESHIP STANDARDS

REVISED JANUARY 2021

Our Apprentices should have all received a “pocket” Apprenticeship Standards booklet. Please read and understand what is required of you. There were many returned to us in the mail so if you have not received one, please call the office.

Your update to Journey status is not an automatic thing. In your final year, you finish trade school and successfully pass the IP Test. If you pass, **you MUST provide the office a copy of your JM Card and Red Seal in order to get your Status Update.** Please provide this information to the Training Office as soon as you receive it as you will not be updated to Journey status until you do so. The update is effective the day the Training Office receives the information.

Note: You must meet all apprenticeship requirements in order to be successful to reach the next level or Red Seal Status.

Believe in yourself! You are braver than you think, more talented than you know, and capable of more than you imagine. — Roy T. Bennett

TRADE TIME FOR APPRENTICES

It has always been the responsibility of each Apprentice to ensure their trade time is up to date with the Training Office.

For you to advance to the next level there are a few things that need to be in place.

1. Successfully completed trade school.
2. Have on record at the Training Office the required amount of trade time.
3. Have met the requirements of the Apprenticeship Standards for Saskatchewan Piping Industry.

Many apprentices have their trade time submitted by their Employer. In these cases, the time is generally up to date and there are very few time related problems. Trade time is valid only if it is submitted on the appropriate form (Form 6A) and signed by their Journeyperson. We urge you to read the Apprenticeship Standards as well as the full wording and clauses in the collective agreements. The Provincial Apprenticeship Regulations may also impact on an advancement decision. In the new year SATCC is making some new changes with their online platform. We will be sending the updates and how the systems will be changing and what the new procedures that apprentices will need to follow.

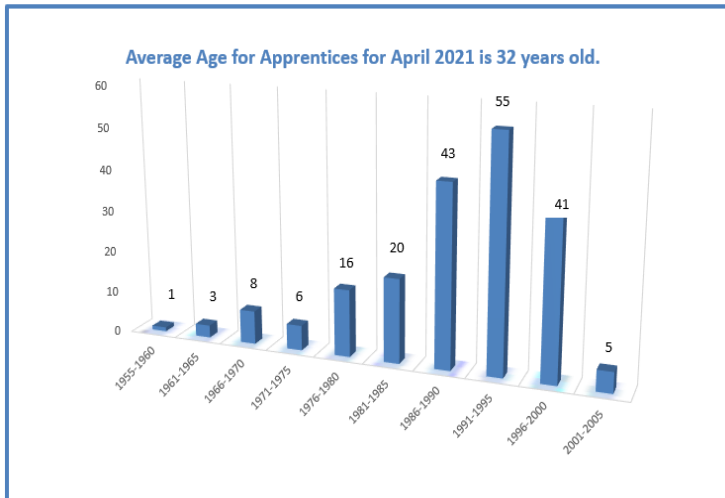
Call the **Apprentice Dispatch number at **306-380-7626** when you have been laid off.**



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APPRENTICE DEMOGRAPHIC



The graph shows the number of Apprentices in Local 179 are 198 who are signed to Apprenticeship contracts with the Joint Training Committee. There are an additional 23 that are working through the 6-month probation period. Average age for the apprentices in April 2021 is 32 years old. Total number of apprentices for April is 221.

Saskatchewan Apprenticeship will be launching their online platform in January 2022.

CHRIS'S CORNER

Hello Brothers and Sisters,

So, first off, it has been a crazy time in our world this past year and a half, and I hope everyone is well and safe. With all that is happening it is important that everyone ensures that themselves, friends, and family are continuing to look out for each other in these unprecedented times. But remember, things are returning to a more normal routine in our province shortly, and we all can get together and do all things we love once again.

With that being said, this pandemic has brought some challenges on how we can get training out to our members. As some of you may know, we have been doing our Fall Protection, Ariel Work Platform, Confined Space, NAUSC Medical Gas, and the Gas and Steam Upgrader Course theory portions online through Teams, Zoom and Blackboard. Also, the Saskatoon center has been certified with the AWWA and we have already completed a Re-Certification and a Full Certification Cross Connection Course. We will get the Regina center set up with the test stations and AWWA Certification in the new year, in order to have the Regina Center ready for these courses in the early part of 2022. Please continue to monitor the www.saskpiping.ca, as we are adding more scheduled course dates to it regularly and the website is where you register for these courses. We are dedicated to continuing to offer training to the membership in these difficult times and look forward to getting back to In House Training as soon as possible.



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I would like to thank Brandon Faul, Mitch Grenier, and Mike McLean for all the work and support they have been doing for our membership through the pandemic. Also, I would like to welcome Tom Thompson to the Saskatchewan Piping Industry team. Tom brings a vast knowledge to the table, and I am looking forward to working with him in the years to come.

In closing, I hope you will continue to take the time to upgrade your skills as needed. We are going to continue to run our safety courses each month for your convenience. You can always reach out us through our website or by calling into the office. The doors to the training centers have been re-opened to the membership, but we will continue to follow SHA rules until further notice. Stay safe and I hope to see you soon. Merry Christmas and have a Happy New Year.

Fraternally Yours,

Chris Henriksen



TOM'S CORNER

Good day Brothers and Sisters

This is my first installment to this newsletter, so I am not going to say too much, except that I am looking forward to being able to help our membership out with Safety Training as well as work with the Apprentices to aid them while they go through the levels of school.

My primary location will be in the Regina office come January 2022. I will be there to ensure our members in the Regina area will have access to the facility to hone their skills in either the piping or welding trades.

With that said, have a very Merry Christmas and I look forward to seeing you in the Regina facility in the New Year!

Fraternally Yours,

Tom Thompson

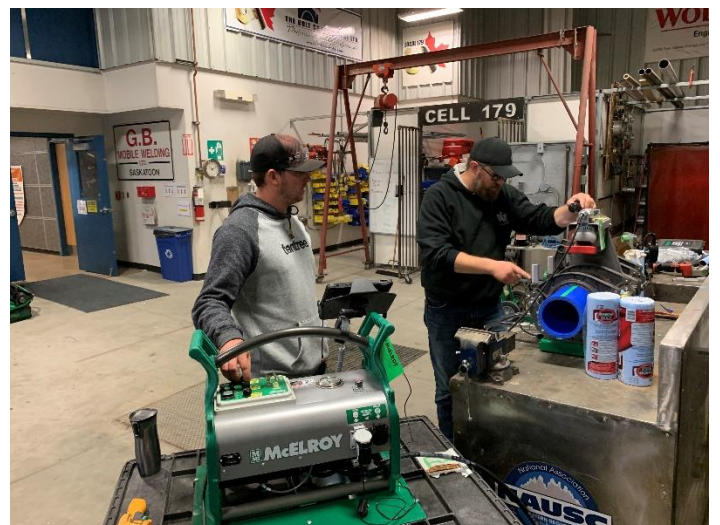
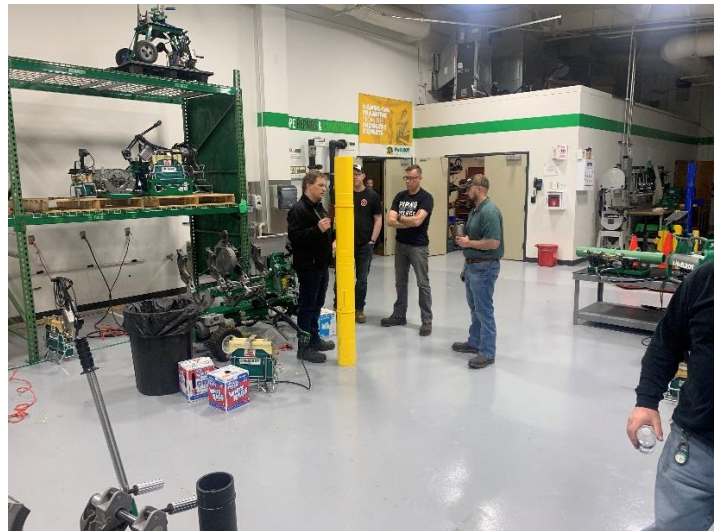


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NAUSC McELROY TRAINING AND EQUIPMENT





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ADMINISTRATION'S CORNER

Hello Brothers and Sisters

So many changes since our last newsletter! We have been working so hard behind the scenes to create easy and accessible platforms for our members to utilize.

We have moved away from mailing documents, for the most part, and have been communicating via email, website, and Facebook. This seems to be very effective in getting the information out to our members.

Our website www.saskpiping.ca has been well received since its launch. We have recently updated it so we can start accepting payments online for your convenience. When navigating the website, you will find different tabs at the top to choose from



SASKATCHEWAN PIPING INDUSTRY JOINT TRAINING BOARD

[Home](#) [Forms & News](#) [Calendar of Events](#) [Register Online](#) [Wait Lists](#) [More](#)

[Contractor's Area](#)

[Contact](#)

- **Forms and News** – this area has Policy information, Apprentice Applications, and links to certain websites.
- **Calendar of Events** – we will be adding to this every three month as schedule is updated
- **Register Online** – This section is new for Fall 2021 and is listed by category. All courses are listed here, however, you will only see dates and times for the courses we have active.
- **Wait Lists** – Sign up for a course you are interested in taking. When a course becomes available, those on the Wait List will be notified.
- **Contractor's Area** – We created this area for our contractors to be able to download forms they may need to send to us.
- **Contact Us** – as always, we would love to hear from you!

Courses Available to Book

[Safety Courses](#)

[IP Courses](#)

[Gas Courses](#)

[Weld Testing](#)

[Cross Connection Courses](#)

[NAUSC](#) < >



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Fall Protection - Theory Online

Class: 8 hours 3 yr. certification
PLEASE READ DESCRIPTION FOR DETAILS

[Read More](#)

Mon

4 hr

[See details](#)

Book Now



Once you find a course you want to register for, you will be directed to this page (to the left).

Click "BOOK NOW" and it will take you to Schedule Online page.

Look for the date you want to book for using the < > beside the date. Once you have the date you need, click on the time.


Click "NEXT" once again and it takes you to the booking page. Fill in the required information and "BOOK IT".

You will get a confirmation email sent to you right away.

This will also be sent to the office, and I will send an invoice via WIX for the amount owing (deposit) and you can pay that invoice online, direct through WIX. Watch your junk mail as it will be from mail@wixinvoices.com.

You will not get a payment receipt sent back to you via email BUT if you go back into your invoice after you have paid, you will notice your Amount Paid is the total you paid and the Balance Due is now \$0.00.

It sounds complicated but, trust me, it's not and is very streamlined now.

Dec. 12 - 18, 2021    Today

12	13	14	15	16	17	18
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
-	8:15 am	-	-	-	-	-

Fall Protection - Theory Online

4 hr | [See details](#)

December 13, 2021 8:15 am

Chris Henriksen

334 Robin Way, Saskatoon, SK,
Canada

Next

Our Safety Course are now being run every other week in Saskatoon AND Regina (Practical's and Exams) and CWB Testing is every month (providing we have enough to run the course) and are in



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Saskatoon one month, Regina the next. Please watch your tickets and make sure you have them up to date as most call outs are requiring them now.

We have also been using our Facebook page on a regular basis to keep our membership as informed as possible. Although a very useful platform for getting information out, we must remember that there is a social media policy in place and need to adhere to this.

All programs require a deposit at time of registration. Some programs like CWB, require full payment at time of registration for ALL trades.

Remember that all SCOT and Rights and Responsibility are done through the Local 179's office. You will need to contact either Saskatoon, or Regina's office to get enrolled.

How long certificates are good for – WATCH YOUR TICKETS!

Aerial Work Platform	3 years		
Confined Space Entry	3 years	NAUSC McElroy Fusion	2 years
Cross Connection	5 years	NAUSC PIPES Rigging	5 years
CWB Certified	2 years	Rights & Responsibilities	5 years
Fall Protection	3 years	SCOT	5 years

Fraternally yours,
Janet Clarke





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inquiries@saskpiping.ca

SASKATCHEWAN PIPING INDUSTRY JOINT TRAINING BOARD (SPIJTC)

SOCIAL MEDIA POLICY

Social media sites are powerful tools for building relationships, marketing our training schedule and discussing the important issues facing the Local 179 membership and industry. However, when used improperly, social media can give rise to serious legal and other problems. This SPIJTC policy was developed to help minimize such problems and to promote safe spaces in social media for free and open discussions.

Members shall refrain from posting anything on SPIJTC social media that:

- Is untruthful, defamatory, libelous or invades a person's privacy
- Is discriminatory, hateful, harassing or threatening
- Is obscene, profane or vulgar
- Violates copyright, trademark or other intellectual property rights
- Attacks SPIJTC as an institution or discloses proprietary, confidential or other information that interferes with the performance of its legal or contractual obligations
- Includes spam, flaming or flooding
- Includes advertising or solicitation

SPIJTC reserves the right to delete or block any content and/or user on SPIJTC social media when the content and/or user violates these rules. Members should also be aware that communications through SPIJTC social media sites or page shall, in no way, constitute a legal or official notice, comment or request to SPIJTC.

The ground rule policy represents only minimum standards of conduct on social media. Words and deeds can reflect on SPIJTC and Local 179 members, regardless of intent.

Brad Funk
Director of Training



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www.saskpipinq.ca



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SASKATCHEWAN PIPING INDUSTRY JOINT TRAINING BOARD (SPIJTC)

DEPOSIT & CANCELLATION FEES POLICY

Over the past years we have taken great pride in servicing our members and non-members with courses that help propel your career. On the down side, we have also had to cancel many courses due to lack of registration as well as a loss of money due to no shows.

Because of this, we have implemented a **DEPOSIT FEE** for ALL students enrolling in courses at SPIJTC. This deposit is fully refundable at the end of the course and will be returned to you in the same form as it was paid (credit card, debit card, cash, etc.). If you do not show up for the class, your deposit will NOT be returned to you.

As well, we have also implemented a **CANCELLATION FEE**. Due to limited seating, we request that you cancel at least 48 hours before a scheduled class. This gives us the opportunity to fill the class. If you have to cancel your class, we will fully refund your \$200 deposit when cancelled before the 48 hours. However, if you do not cancel prior to the 48 hours, you will be charged a \$25 cancellation fee.

Brad Funk
Director of Training



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NAUSC CONTROLLED BOLTING TRAINING AND EQUIPMENT





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COURSES OFFERED AT SASK PIPING

ON-LINE VIEGA COURSES New Format 2022

PIPE TRADES MATH VIEGA

- Members now have access to the Bluevolt on-line training system. To access this, you must email me that you want to be signed up and then you will then be signed up through Viega. They will send the members a confirmation email plus a link to access Blue Volt on-line training.

HYDRONIC PIPING AND CONTROLS VIEGA

- This course is intended to introduce the Apprentice and Journeyperson to the basic components and operation of a hydronic heating system.

SCIENCE 101

- This course covers the basic trade science which covers the basics of liquids, solids, and gas properties, as well as exploring motion, force, and thermal expansion.

HYDRONICS 101

- This on-line course goes through the fundamentals of Hot Water Heating Systems. There is theory, flow diagrams and a series of questions that the learner can access on-line.

RADIANT DESIGN

- This on-line course will cover the following modules related to Radiant Heating. Module 1 - History of Radiant , Module 2 - Heat Transfer, Module 3 - Heat loss (Panels) , Module 4 - Heat Loss (Infiltration), Module 5 - Heat Loss (Slab) , Module 6 - Heat Loss (Sample) ,Module 7 - Advantages of Radiant , Module 8 - Radiant Panel Options, Module 9 - Tubing Layout Options , Module 10 - BTU Outputs, Module 12 - Pressure Drop.

MAKING PRO-PRESS, MEGA PRESS, PRO-PRESS XL-C, VIEGA PRESS JOINTING CONNECTIONS

- A series of short video clips that illustrate proper jointing methods for the joint connections shown.

SIMULATOR COURSES

VIEGA HYDRONIC DESIGN LOOPCAD

Approx. 40 hrs.

- This course is intended for use with the Viega Hydronic Mixing Block simulator board zone control boards and LoopCAD Hydronic Design. This course is designed to familiarize users with LoopCAD® design software. The course is intended to cover basic functions and familiarize a student with the software and its application. Upon completion, a student should be able to complete a full design and layout on a residential home. The course will also cover functions, applications, and designing hydronic systems with the use of the Hydronic Mixing Block and VTEN simulator.



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TORNATECH FIRE PUMP SIMULATOR COURSE

Approx. 4-6 hrs.

- This program uses Tornatech Simulators that have built in faults to challenge the Sprinkler fitter to work on various Fire Pump problems and scenarios

ON-LINE Instructor Lead BLACKBOARD COURSES

HYDRONIC HEATING Blackboard

- This is a course that goes in detail of Hydronic Systems. The course has 12 sections in the following categories: Introduction to Hydronic Heating, Hydronic Heating and Cooling Principles, Hydronic Heating and Colling Sources, Pumps, Air Management, Hydronic System Piping Materials and Components, Hydronic System Layout, Terminal Units, Hydronic Radiant Panel Systems, Controls, Start, Balancing, and Maintenance, Hydronic System Sizing.

STEAM SYSTEMS Blackboard

- The Steam Systems Course covers everything from Low Pressure Steam systems to High Pressure Steam. It is a 12-section program in the following categories: Introduction to Steam, Steam Principles, Low Pressure Boilers, Steam Piping Systems, Heat Transfer Units, Steam Traps, Gravity one and two Pipe Systems, Two Pipe Systems, Vapor, Vacuum, and Variable Vacuum Steam Heating Systems, high Pressure Boilers, Steam generations Plants, Steam System Operation and Maintenance.

RIGGING Blackboard

- The Rigging Course covers everything from a beginner Rigger to advanced Rigging. It is a ten-section program in the following categories: Fiber Rope, Knot and Hitches, Wire Rope, Slings and Crane signals, Hoisting and Jacking Equipment, Rigging Hardware, Determining the Load Weight, and Advanced Rigging.

PIPING / JOINTING / HAND TOOL COURSES

PIPING OFF SET AND PIPE MEASURING TUNE-UP CLASS

Approx. 8 hrs.

- A practical hands-on program which will help individuals to tune up their skills.

SOLDERING AND BRAZING

Approx. 8 hrs.

- A practical hands-on program that will assist our beginner members to properly use soldering and brazing equipment.

PIPE FABRICATION AND FITTING LAYOUTS

Approx. 30 hrs.

- An excellent course for both Apprentices and Journeypersons. Learn how to layout Y-laterals, saddle-on tees, miter fittings, use pre-determined ordinate lengths to layout the cutlines as well as learn how to do basic math to determine lay-out dimensions, spool sheets, fitting deductions, developing cut lists are also a part of this course.



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PRESS FIT / MEGA PRESS / PEX PRESS

Approx. 2 hrs.

- A practical course that allows you to use the Viega pipe jointing tools for Press Fit connections.

CORE TOOL TRAINING

Approx. 8 hrs.

- This program will go through several basic hand tools operation and safe usage.

TUBE BENDING

Approx. 8 hrs.

- This course will introduce you to small diameter Swagelok bending tools as well as the Swagelok bench mounted bender.

GAS RELATED COURSES

GAS CODE AND PREP COURSE - DOMESTIC

Approx. 60 hrs.

- A program to prepare the student to successfully challenge the Domestic Gas exam. The course includes an in-depth study of the gas and propane codes, gas controls, installation practices, and maintenance of gas fired equipment. Domestic Gas is for any systems BELOW 400,000 BTU.

NOTE: As per Provincial requirements applicants that wish to challenge the Gas Licence must be in either the Plumber or the Steamfitter/Pipefitter Trades or a Refrigeration Journeyperson. To challenge the General Gas, you must hold Journey status in either the Plumber, Steamfitter/Pipefitter, or Refrigeration trades. All applicants must comply with SATCCC requirements for this exam.

GAS CODE AND PREP COURSE - GENERAL

Approx. 60 hrs.

- A program to prepare the student to successfully challenge the Domestic Gas exam. The course includes an in-depth study of the gas and propane codes, gas controls, installation practices, and maintenance of gas fired equipment. General Gas is for any systems ABOVE 400,000 BTU.

NOTE: As per Provincial requirements applicants that wish to challenge the Gas Licence must be in either the Plumber or the Steamfitter/Pipefitter Trades or a Refrigeration Journeyperson. To challenge the General Gas, you must hold Journey status in either the Plumber, Steamfitter/Pipefitter, or Refrigeration trades. All applicants must comply with SATCCC requirements for this exam.

ARC FLASH PROGRAM

Approx. 8 hrs.

- This is an 8-hour E-Hazard Certification Program that members that work in the service industry should take. It is informative, provides up to date information of the dangers of electrical shock and arc-flash, and how to protect yourself while performing service. Certification is good for 3-years.

BASIC ELECTRICAL FOR GAS SERVICE

Approx. 8 hrs.

- An introduction to basic electrical for gas service work. Coverage includes interpretation of schematic drawings, ladder diagrams, symbology etc. Focus is on system operation and electrical safety.

COMBUSTION AND CARBON MONOXIDE AWARENESS COURSE

Approx. 8 hrs.

- A course designed to increase your awareness of the dangers of carbon monoxide and provide the learner with the necessary information to pick out potential problems in gas fired equipment.



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GAS SERVICE LEVEL 1 *Approx. 32 hrs. plus homework and a take home exam to be completed and then returned for marking before receiving certification*

- This course includes practical electricity, skills analysis, multi-speed motors, capacitors, troubleshooting smart valves through lab demonstrations, various methods for testing flame rectification systems, practical experiments, and many demonstrations and labs.

NOTE: *must complete and pass this program to be eligible for the Level 2 Gas Service Program. Level 2 not available at this time.*

PIPE TRADES UPGRADING/UPDATING PROGRAMS

STEAMFITTER/PIPEFITTER IP RED SEAL UPDATING PROGRAM *Approx. 90 hrs. with at least 150 hours of home study.*

- A course in Pipefitting Trade Math and Science, Steam Systems, Hydronic Heating and Cooling Systems, Process Piping, Fabrication and Pipe Drafting and other areas of Specialty Piping associated with the Steamfitter/Pipefitter training curricula. Program is to prepare U.A. Members for the Red Seal Interprovincial Journeyperson Exam. (Evenings and Weekend - 3-week day program offered in Regina)

NOTE: *must meet the SATCC requirements to challenge this exam*

PLUMBER IP RED SEAL UPDATING PROGRAM

Approx. 90 hrs. with at least 150 hours of home study.

- The course of study will provide instruction to prepare a member (that meets the requirements) to write the Provincial or Interprovincial Plumbing exam. The program covers Math, Science, Fixtures, Water Supply, Rural Plumbing, Specialty Piping, Safety, Rigging, and other areas associated with the Plumber Trade. Code Book deposit will be required. (Evening & Weekend).

NOTE: *must meet SATCC criteria to challenge this test.*

NAUSC CERTIFICATION PROGRAMS

P.I.P.E.S. RIGGER PERSONNEL CERTIFICATION PROGRAM (5 yr. certification)

Approx. 40 hrs.

- A partnership has been formed with the United Association Canada (UA), the National Association of Union Schools and Colleges (NAUSC), and CSA Group. This initiative will provide a Canadian piping trades training and certification national standard for rigging that will ensure safe and productive worksites for anyone involved in installation and maintenance of piping systems in all areas of the piping industry in Canada.

NOTE: *All registrants must challenge and pass the CSA test to be certified.*

MEDICAL GAS PIPING & SYSTEM INSTALLATION PERSONAL CERTIFICATION PROGRAM (CSA) (5 yr. certification)

Approx. 40 hrs.

- The Medical Gas Piping and Systems Installation occupational certification program has been developed by CSA Group in conjunction with industry stakeholders to provide assurance that an individual possesses the competencies deemed necessary to perform the job function of a Medical Gas Piping and Systems Installer.

NOTE: *Must hold a Journeyperson Certificate in the Plumber or Steamfitter Trades.*



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SHOP STEWARD CERTIFICATION COURSE

Approx. 16 hrs.

- This certification program is designed to provide consistent training for all Stewards across Canada and to emphasize the UA Standard for Excellence and the Steward's critical role in its success. Stewards will gain a strong understanding of their role in working with the supervision in the workplace environment. Methods for working with management and union members toward a more productive jobsite, while ensuring that workplace issues do not escalate and interfere with operations and productivity on the job will be explained. Other topics that are covered include workplace law and the historical background on unions with discussion on how they relate to the role of a working union steward.

SUPERVISION LEVEL 1 CERTIFICATION PROGRAM

Approx. 40 hrs.

- Formerly named the NAUSC Foreman Certification Program, this training program offers essential skills and concepts needed to supervise a crew in the many sectors that Piping Professionals work within. Topics include communication & core values, planning, documentation, and legal responsibilities. Included in the program are sessions designed to build personal and supervisory skills, plan and supervise a multi-discipline work crew, manage safety requirements, provide essential training in due diligence and discipline, and workflow scheduling. The course uses individual and group activities and quizzes to reinforce learning. The NAUSC Supervision Level 1 program is a prerequisite course for the NAUSC Supervision Level 2 program and the Industrial Construction Crew Supervisor (ICCS) designation (Alberta).

SUPERVISION LEVEL 2 CERTIFICATION PROGRAM

Approx. 40 hrs.

- This training program builds on the essential skills and concepts learned in Level 1. Topics include communication & core values, planning, documentation, and legal responsibilities; a major component will be in class projects that encapsulate all topics presented. Sessions will include in depth examination of workflow scheduling, budget management, human resources, and planning a safe worksite. The program will also recognize the importance of lifelong learning as it applies to supervisory roles. Professional development will be presented as a method to promote professionalism in the role of a UA supervisor.

INSPECTION, TESTING AND MAINTENANCE CERTIFICATION PROGRAM

Approx. 40 hrs.

- The NAUSC ITM (Inspection, Testing and Maintenance of Water-Based Fire Protection Systems) Certification Program was developed to aid in the education and training of those employed within the field of inspection, testing and maintenance of water-based fire protection systems. Through coverage of various principles and processes, as well as, expectations, roles and responsibilities related to ITM, this certification provides new and existing inspectors with consistent and quality training that industry can depend on. With the support of contractors and CASA, the NAUSC ITM certification program can help reduce the liability and anxiety associated with inspections.

COLD CUTTING SPECIALTY CERTIFICATION PROGRAM

Approx. 21 hrs.

- The NAUSC Cold Cutting Certificate will benefit every journeyperson who is interested in working on site performing cold cutting operations on large diameter and heavy wall specialty piping systems. The program is designed to give participants a better understanding of the complexities of working safely as cold cutting specialists as defined by the piping industry. Participants will develop skills in the operation



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and maintenance of equipment, as well as the application of required calculations that are used to ensure precise cuts and beveling for welding operations.

CONTROLLED BOLTING SPECIALTY CERTIFICATION PROGRAM

Approx. 40 hrs.

- The NAUSC Controlled Bolting program is designed to ensure that participants are prepared to operate and maintain equipment used for flange and vessel bolting operations for high pressure and process systems in plants and refineries in the construction and maintenance industries. Participants will use calculations to determine the necessary parameters for the proper assembly and disassembly of pressure bolted joints using specialty hydraulic equipment. This is key to ensuring that operations for high pressure applications can guarantee leak free start-up of systems.

MCELROY FUSION CERTIFICATION PROGRAM (2 yr. certification)

Approx. 32 hrs.

- NAUSC has formed a partnership with McElroy Manufacturing Incorporated & McElroy University, leaders in the fusion industry. This certification program provides top-tier fusion training to Participants who will complete fusion connections using thermoplastic piping and fittings according to standards, procedures, and best industry practices. Participants will be required to demonstrate their proficiency on a wide range of McElroy Manufacturing Inc. equipment and will benefit from both theory and hands-on elements that will enhance their efficiency, productivity, and safety. This certification is mutually recognized by NAUSC, McElroy Manufacturing Inc., and McElroy University.

SAFETY COURSES

FALL PROTECTION (certified for 3 years)

Approx. 8 hrs.

- This full day program will allow you to understand the use of fall protection, as it relates to what you do at height. Various fall protection options exist, this course will identify which options may best meet your needs and give you the tools and knowledge to work at height safely.

AERIAL WORK PLATFORM (certified for 3 years)

Approx. 8 hrs.

- This Aerial Platform Training Program is designed to provide elevated work platform operators with a solid foundation in: Health & Safety Standards, Preventative Maintenance & Proper Procedures for Safe Operation of Boom Lifts. Boom Lift and Scissor Lift training classes consist of classroom theory, a written test and practical hands-on aerial lift experience. Course content is delivered through multimedia presentations and reinforced through workbooks and supplementary handouts.

CONFINED SPACE (certified for 3 years)

Approx. 8 hrs.

- No two confined spaces are exactly alike. Type, size, and hazards vary greatly, along with different standards, regulations and company policies that can apply to each working environment.

LEAVITT TELEHANDLER (certified for 3 years)

Approx. 8 hrs.

- Telehandlers (aka boom forklifts & zoom booms) are versatile units that deliver reliable performance in many applications. Due to their unique design and function, operators require specialized training to ensure safe operation. This telehandler training is ideal for all levels of operators, from novice to veteran. Upon completion of this course, participants will have a thorough understanding of safe operating practices and safety standards that are relevant to any industry.



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PIPE WELDING COURSES

BASIC WELDING FOR PIPE TRADES APPRENTICES & JOURNEYMEN

Approx. 16 hrs.

- Course covers oxyacetylene cutting and brazing, arc welding of plate in all positions, cutting of plate and pipe. Ideal for plumbers and fitters who want to update their skills in welding.

TIG AND SPECIALTY WELDING

Approx. 40 hrs.

- For welders who want to upgrade their welding skills in basic TIG procedures and specialty alloys. Program provides specialty training in stainless, carbon steel, chrome, aluminum, and other metal alloys found on U.A. job sites.

STT / POWERWAVE PROGRAM

Approx. 16 hrs.

- Surface Tension Transfer (STT) welding is a process used in production welding in fabrication shops.

SMALL DIAMETER ORBITAL WELDING PROGRAM

Approx. 16 hrs.

- This program utilized the Swagelok Orbital Welding machine for welding small diameter SS or CS tube and tubing.

PRESSURE WELDLER PRACTICE

- The weld shops in both training centers are utilized during the week by welders wishing to practice their welding prior to tests days. Our shops are available most days and are not available for this service on weld test days. You need to call the training center to find out if shop access is available on the dates you wish to practice.

PRESSURE WELD TESTING

- TSASK is responsible for welder testing in Saskatchewan. Pressure tests are done at our training centers as we have a formal agreement and contract with TSASK to provide them shop access on testing days. To schedule a test, call TSASK directly at 1-866-530-8599.

CWB WELD TESTING

- CWB is responsible for testing to CWB Standards. Saskatchewan Piping Industry has a formal agreement with them, and they use our weld shops on test days. To register for or obtain the test dates call the Saskatoon office for Sask Piping

BRAZE TESTING FOR TSASK

- A new initiative by TSASK to start formal testing for brazing of refrigeration joints has been a long time coming. To schedule a test, call TSASK directly at 1-866-530-8599.



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SPRINKLERFITTER COURSES

Courses available for in person training

Note: These courses can be requested, and equipment needs to be sent from the National. If there is enough interest, we can request and book equipment to schedule training.

BLAZEMASTER CERTIFICATION

- This (1) day certification course is a manufacturer requirement to be taken every two years. Lubrizol trainers have offered to come to areas outside Toronto to help certify all those installing their Blazemaster plastic piping.

COMMISSIONING AND ACCEPTANCE TESTING OF WATER-BASED SYSTEMS

- This (1) day course will review the requirements of testing and test reports/documentation upon completion of a water-based (sprinkler or standpipe) system installation. Discussions will also focus on testing equipment, methods and AHJ requirements.

FIRE PUMP 1 – INTRODUCTION TO FIRE PUMPS

- This (2) day course is for the fitter with no or limited experience installing fire pumps. Areas to be covered include: fire pump theory, types of pumps and applications, basic hydraulic calculations, installation & acceptance test requirements and related codes.

FIRE PUMP 2 – ANNUAL INSPECTION AND TESTING

- This (1) day course will focus on Fire Pump Inspection & Annual Testing. Areas that will be covered include: requirements for a proper fire pump inspection, procedures for annual testing, safe use of testing equipment, plotting test results, completing associated testing documents, in addition to basic trouble shooting. To complete this course all participants must successfully complete a written and practical evaluation.

FIRE PUMP SERVICE - PACKING

- This (1) day course will cover a tear down and rebuild of a fire pump with primary focus on repacking, lubricating, cleaning, and adjustment of a working fire pump.

FIRE PUMP SERVICE - BEARINGS

- This (1) day course will cover a tear down and rebuild of a fire pump with primary focus on bearing removal and replacement. Both horizontal split case and vertical in-line pumps will be covered.

FIRE PUMP SERVICE – PUMP/DRIVER ALIGNMENT

- This (1) day course will cover the requirements of alignment for horizontal split case fire pumps. Process of angular and parallel alignment will be covered with both conventional hand tools and laser alignment equipment.



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HILTI FIRE STOP CERTIFICATION

- This (1/2) day course is a manufacturer specific certification for the installation of their fire stop systems. It has been becoming common for AHJ's to request you to have certifications for the fire stop products being used in some jurisdictions.

HYDRANT COURSE

- This (1) day course will review the types of hydrants along with the installation, repair, maintenance, inspection, and testing procedures.

INTRODUCTION TO SEISMIC

- This (1) day course will review the basics of seismic supports and requirements of NFPA 13. Types of supports/bracing will be reviewed as well as the installation requirements.

NAUSC – INSPECTION, TESTING AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS CERTIFICATION

- This (40) hour certification course is being offered to members possessing a sprinkler fitter certificate of qualification and, currently employed in the field of inspections of water-based systems or completion of prerequisite training with ITM (i.e., Fire Pump 2, Water-Based Foam Systems, manufacturer specific valve training, etc.). Successful completion of the written exam and a practical assessment are required for certification.

NFPA 13 – STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS – 2019 Update

- This (1) day course will go through the various technical changes throughout the 2019 edition of NFPA 13. The participant will become familiar with these changes and will hear discussions on how it will impact the installation of future systems. Focus will be on information most relevant to those working in the sprinkler installation industry.

NFPA 14 – STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS

- This (1) day course will review the requirements of NFPA 14 and promote navigation and understanding of the requirements of this NFPA standard. Discussions will also focus on the additional requirements of Ontario Building Code, Ontario Fire Code and OHS Regulations for Construction Projects.

NITROGEN GENERATOR SYSTEMS

- This (1) day course will provide instruction and hands on demonstration of the operation and features of the N2 Nitrogen generator systems. The N2 generator systems provide on-site high purity nitrogen intended for sprinkler systems to minimize corrosion and extend the life of a system.

RELIABLE DDX VALVES

- This (1) day course will provide instruction and hands on demonstration of the operation, set up, maintenance and repair of the Reliable DDX line of valves used in their dry, deluge and preaction systems. The course will show proper set up procedure and common troubleshooting and appropriate repair parts/tools.



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SPRINKLER SPACING AND OBSTRUCTIONS

- This (1) day course will go through the various requirements and rulings for sprinkler installation and obstructions as specified within NFPA 13. The participant will become familiar with these requirements and will discuss how these rules will apply in the field. Focus will be on where and how to find this information in the code book.

SWITCH COURSE

- This (1) day course will explain how to install and set up sprinkler system switches, troubleshoot and review how to test these devices once they are connected to the fire alarm panel. This course will include practical hands-on applications and use of a multimeter.

TORNATECH ViZi FIRE PUMP PANEL

- This (1/2) day course will provide instruction and hands on demonstration of the operation and features of the new ViZi Touch fire pump controller. This new product has integrated a dramatic change in technology and user interface. The manufacturer will conduct this course and provides a great opportunity for discussions/questions for those currently installing or operating this new product.

VICTAULIC GROOVE METHOD/PROCEDURES

- This (1) day course will provide instruction and hands on demonstration of the Victaulic line of groove products and available tools. Focus will be on product, proper grooving methods and verification procedures and tools. Completion of online assessment through the NJTAC LMS required for completion certificate.

VICTAULIC NXT VALVES

- This (1) day course will provide instruction and hands on demonstration of the operation, set up, maintenance and repair of the Victaulic NXT line of valves used in their dry, deluge and preaction systems. The course will show proper set up procedure and common troubleshooting and appropriate repair parts/tools.

WATER-BASED FOAM SYSTEMS

- This (2) day course will provide instruction and hands on demonstration of the operation, set up and inspection of water-based foam systems. The course will show proper set up procedure and appropriate equipment/tools.

Courses available on the National Sprinkler Industry JTAC LMS

NOTE: Please inquire to the previously emailed PDF on access for LMS (sent Jan 2021). If you have and problems, please contact us.

BATTERIES FOR DIESEL FIRE PUMPS

- This self-paced online course is a primer for the Inspection, Testing and Maintenance (ITM) of diesel fire pump batteries and hazard identification.



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BLAZEMASTER CERTIFICATION

- This online course is presented with Sean Pearce, Fire Protection Business Development Manager with Lubrizol. This course is due diligence for sprinkler apprentices and journeyperson to obtain critical information and to maintain their proficiency when using Blazemaster CPVC fire sprinkler products. It is required to renew your certification every two years to keep up with product and installation updates. You will be provided with a link at the end of this course to complete the mandatory training quiz to receive your certification from the manufacturer.

COMMISSIONING AND ACCEPTANCE TESTING OF WATER-BASED SYSTEMS

- This self-paced online course will review the requirements of testing and test reports/documentation upon completion of a water-based (sprinkler or standpipe) system installation.

MAIN DRAINS: INSTALLATION REQUIREMENTS & TESTING PROCEDURES

- This self-paced online course will review the installation and testing requirements for a sprinkler system main drain. NFPA 13 and NFPA 25 requirements will be referenced as well as a sample main drain test procedure demonstration.

NFPA 13 – STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS – 2019 Update

- This self-paced online course will go through the various technical changes throughout the 2019 edition of NFPA 13. The participant will become familiar with these changes and will hear discussions on how it will impact the installation of future systems. Focus will be on information most relevant to those working in the sprinkler installation industry.

RIDGID – TOOLS FOR SPRINKLER APPRENTICE/FITTERS

- This self-paced online course will identify some of the common Ridgid products used in the sprinkler fitter trade. It is intended to help new apprentices gain some exposure and resource with these tools, their use, and setup/adjustments. This course may also prove beneficial to experienced apprentices and journeypersons possibly coming from different sectors of the trade and unfamiliar with specific tools and setup or to also help support them with the training of new apprentices in the trade.

WHMIS GHS RENEWAL

- This online review of the WHMIS GHS system as it applies to the sprinkler industry will cover the basic concepts and updates for annual renewal. This includes a review of hazard classifications and categories, Safety Data Sheets (SDS), and labels. This course is intended to supplement workplace specific WHMIS training provided by a worker's employer.

HEALTH & SAFETY: USE OF PORTABLE FIRE EXTINGUISHERS

- This self-paced online health and safety course provides the information for on the job use of fire extinguishers. It is recommended that the training be completed every 3 years.



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OTHER COURSES

AWWA CROSS CONNECTION COURSE

Approx. 40 hrs.

- Cross Connection Control Specialists help reduce the risk of contamination by educating the public and working with commercial and industrial water users to ensure proper backflow prevention devices are installed. If not installed correctly, cross-connections can pose a threat to safe drinking water if hydraulic conditions occur to cause backflow. The program's emphasis is on hazards, devices, and testing. If you are already involved with the planning, design, installation, maintenance, and inspection of plumbing, piping systems, or water-supplied equipment that connects to the potable water system, either inside or outside of buildings, then this course will be a huge asset to you.

AWWA CROSS CONNECTION RECERTIFICATION COURSE

Approx. 16 hrs.

- Must have AWWA Cross Connection Course

ORIENTATION PROGRAM

Approx. 1 hr.

- A program designed to introduce the probationary and new Apprentice to the Piping Trades and the United Association. This program is mandatory for all probationary, and indentured Apprentices. Scheduled in conjunction with the trades school sessions.

FOUNDATIONS PROGRAM

Approx. 30 hrs.

- This is a new program that has been developed to go through the various stages of Apprenticeship and how we got to where we are at today. This is a combination of in class Instructor led and home study.

BULEPRINT READING FOR STEAMFITTER / PIPEFITTER

Approx. 30 hrs.

- This program utilizes U.A. training materials supplemented by additional materials developed by the Joint Training Committee.

INTRODUCTION TO QUALITY CONTROL / QUALITY ASSURANCE

Approx. 8 hrs.

- This is a seminar to provide you with the necessary information to understand the concepts of QC/QA as well as providing you with the necessary information to properly document job site information related to QC/QA issues.

BASIC REFRIGERATION THEORY

Approx. 8 hrs.

- This course is designed to cover the basic refrigeration theory, components of a refrigeration system and installation requirements

We have a library in Saskatoon that you can utilize for books you require throughout your schooling or to prep for exams. There is a **\$150.00 deposit** required at time of rental, Credit cards and debit cards will now be debited when picked up. Monies are refunded once books have been returned.

Course deposits require a **\$200.00 deposit for ALL MEMBERS**, returned the last day of classes and / or once the books have been turned in.



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CONTACT INFORMATION

SASKATOON UA LOCAL 179 AND SASK PIPING LOCATION AND CONTACT INFORMATION

334 Robin Way Saskatoon, SK S7L 6X4

SPI Office: (306) 651-3737

Email: inquiries@saskpiping.ca

Local 179 Office: (306) 956-1061

REGINA UA LOCAL 179 AND SASK PIPING LOCATION AND CONTACT INFORMATION

402 Solomon Drive Regina, SK S4N 5A8

SPI Office: (306) 522-4237

Email: inquiries@saskpiping.ca

Local 179 Office: (306) 569-0624

GLOBAL BENEFITS

88 St. Regis Cres South Toronto, ON M3J 1Y8

Toll Free: 1 (800) 663-4500 or 1 (800) 810-2086

Direct: 1 (416) 635-6000

Fax: 1 (416) 635-6464

Policy Number: 179 ID #: your S.I.N.

www.globalben.com to register or login in the claim's portal

Employee Assistance Program: 1 (800) 268-5211 or 1 (800) 363-6270

SASKATCHEWAN APPRENTICESHIP AND TRADE CERTIFICATION COMMISSION

Toll Free: 1 (877) 363-0536

Fax: 1 (306) 798-5050



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STANDARD FOR EXCELLENCE

The United Association Standard for Excellence policy is a labor-management commitment to uphold the highest industry standards for quality in the workplace and ensure customer satisfaction. Highlights—including both labor and management obligations—are presented below.

MEMBER AND LOCAL UNION RESPONSIBILITIES:

To ensure the UA Standard for Excellence platform meets and maintains its goals, UA business managers, along with the implementation team that includes shop stewards and local membership, shall ensure all members:

- Arrive at work on time.
- Adhere to contractual lunch and break times. (Personal cell phones are only permitted during these times).
- Have the required tools that are stipulated in the Collective Bargaining Agreement.
- Respect tools and equipment supplied by employers.
- Utilize the local union and international training and certification system to enhance their skill level.
- Adhere to the zero substance abuse policy.
- Be productive on the job site.
- Eliminate disruptions. Ensure safe on-time completion of projects.
- Respect the customer's property. Vandalism will not be tolerated.
- Dress appropriately for their highly skilled and professional craft. (Offensive words or symbols on clothing will not be permitted).
- Respect and adhere to employer and customer rules and policies.
- Follow management directives.

EMPLOYER AND MANAGEMENT RESPONSIBILITIES:

MCAA/MSCA/PFI/MCPWB/PCA/UAC and NFSA and its signatory contractors have the responsibility to manage their jobs effectively. They have the following responsibilities under the UA Standard for Excellence:

- Ineffective superintendents, general foremen, foremen, journey workers and apprentices will be returned to the referral hall.
- Provide worker recognition for jobs well done.
- Ensure blueprints, specifications, job layout instructions and materials are readily available.
- Provide storage for tools.
- Provide leadership to jobsite supervisors.
- Ensure jobsite leadership takes responsibility for mistakes created by management decisions.
- Be fair and consistent with disciplinary action.
- Create and maintain a safe work environment.
- Promote and support continued education and training.
- Employ an adequate number of properly trained employees to efficiently complete the work assigned.
- Treat all employees in a respectful and dignified manner.
- Cooperate and communicate with the job steward.

PROBLEM RESOLUTION THROUGH THE UA STANDARD FOR EXCELLENCE POLICY:

Under the UA Standard for Excellence, it is understood that members through the local union, and management through the signatory contractors, have duties and are accountable in achieving successful resolutions:

Member and Local Union Responsibilities:

- The local union and job steward will be responsible for correcting and solving problems with a member's job performance.
- Job stewards will receive steward training and specialized training related to the Standard for Excellence policy.
- Regular meetings will be scheduled between job stewards, UA supervision and management teams.
- The job steward will discuss with members those issues affecting work progress.
- The business manager or his delegate will conduct regular meetings to discuss compliance with the Standard for Excellence policy.
- The steward and management team will correct problems with individual members.
- Members not complying with membership responsibility shall be brought before the Local Union Executive Board. The Local Union Executive Board will address the failure to meet their obligation to the local and the UA, up to and including filing charges.

Employer and Management Responsibilities:

- Regular meetings will be scheduled between the job steward, UA supervision and the management team.
- Management will address problems that arise.
- In the event that a problem can not be resolved, the job steward and/or UA supervisors will be permitted, through a specific course of action, to communicate with higher levels of management.
- If an employee is unwilling to adhere to the Standard for Excellence policy, a decision must be made regarding his or her further employment.

Additional Jointly Supported Methods of Problem Resolution:

- If an issue is irresolvable, the local union or the contractor may call for a contractually established Labor-Management meeting.
- Weekly job progress meetings will be scheduled between job stewards, UA supervision, and management.
- The local union or the contractor may include the customer in these meetings if their input is needed to find a solution to a particular problem.
- There will be leadership training certifying foremen, general foremen, superintendents, and other UA management as leaders in the UA Standard for Excellence policy.

