

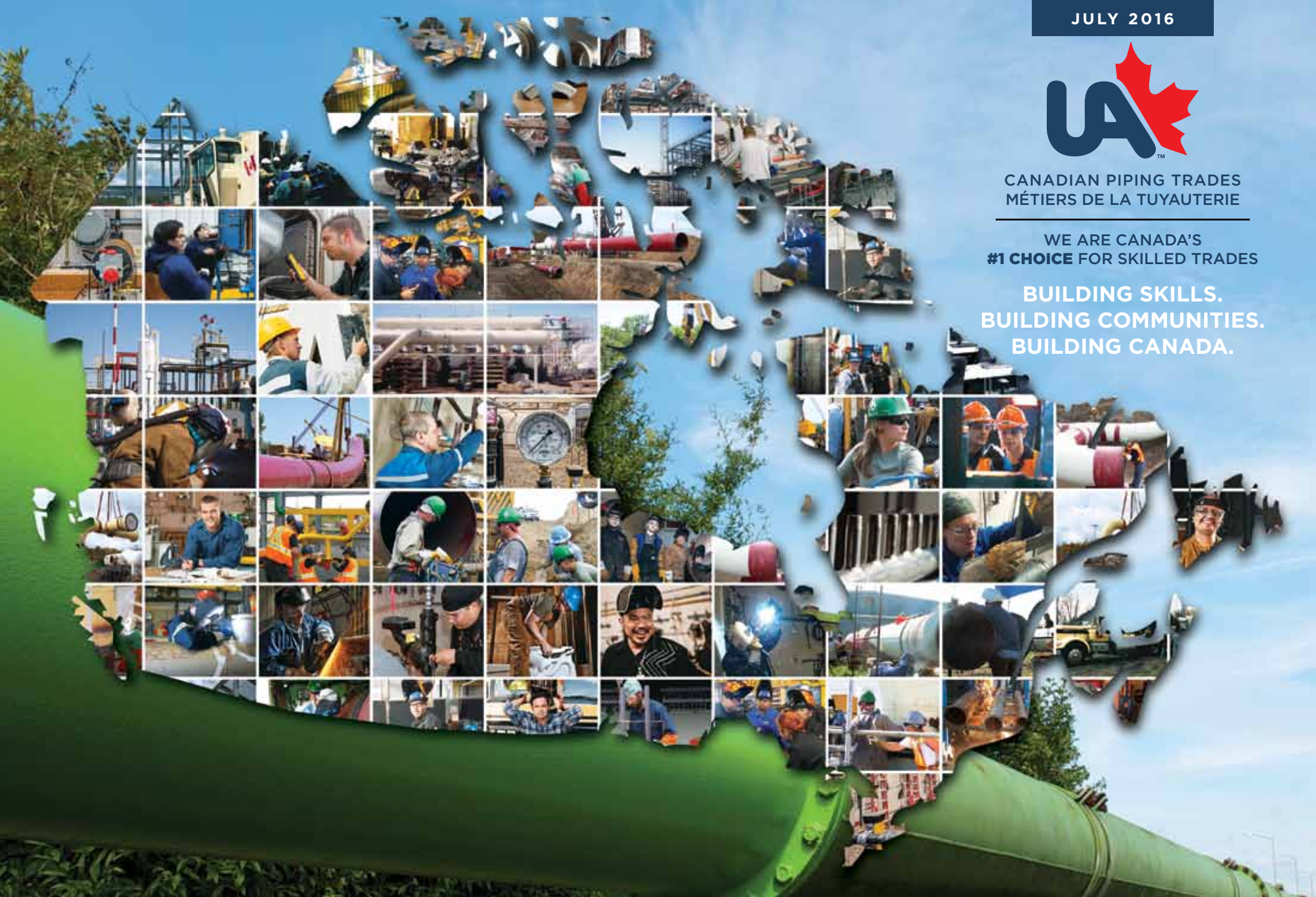
JULY 2016



CANADIAN PIPING TRADES
MÉTIERS DE LA TUYAUTERIE

WE ARE CANADA'S
#1 CHOICE FOR SKILLED TRADES

**BUILDING SKILLS.
BUILDING COMMUNITIES.
BUILDING CANADA.**



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A Message from John Telford

UA Canada – Director of Canadian Affairs



UA Canada and our partner employers are the premier source of professional skills and technical capabilities in the piping industry. Our competitive leadership in the piping industry rests on three pillars:

- 1st:** UA Canada has the most extensive and technically advanced network of training centres for the piping industry in Canada.
- 2nd:** Our members and our partner employers annually invest more than \$20 million in training for our apprentices and skills upgrading for our journeypersons. That training is supported by the National Association of Union Schools and Colleges which UA Canada established to create national standards and national curricula. No one provides more training to the Canadian piping industry than the UA and no one has higher training standards than the UA.
- 3rd:** UA Canada adopted a Standard for Excellence that replaced the traditional, adversarial attitudes which are still evident elsewhere in the construction and maintenance industry. The Standard for Excellence is our commitment to deliver the highest levels of safety, quality and productivity and thereby ensure the complete satisfaction of the owners and builders who ultimately employ our members.

A significant change in the construction landscape in recent years has been the growing importance that many governments now assign to using construction projects to promote greater equity in access to economic opportunities. Across Canada, our Locals support a range of innovative and important outreach programs. In this report, we will describe a number of our recent initiatives for members of First Nations, for veterans of our Armed Forces, and for youth in disadvantaged neighbourhoods. Owners and builders who choose the UA and our employers become collaborators and enablers of these initiatives.

Join the partnership of builders that has made UA Canada the number 1 choice for skilled trades in Canada's piping industry.

John Telford
Director of Canadian Affairs

Steve Morrison Special Representative, UA Canada



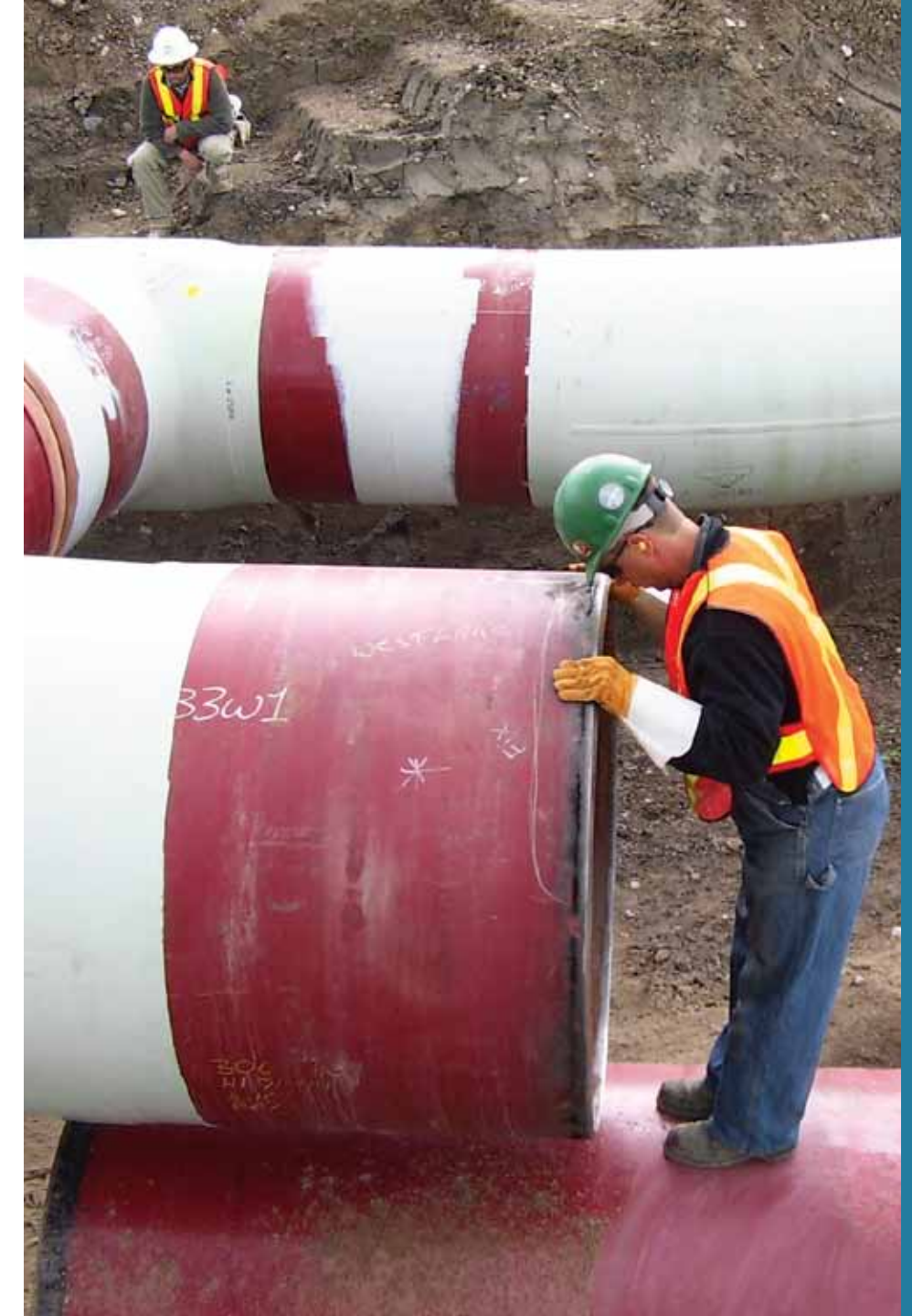
As I prepare to assume the role of Director of Canadian Affairs this fall, I want to take this opportunity to thank you for taking the time to read about what UA Canada has to offer. Whatever your needs, UA Canada has the trained professionals who can deliver your projects on time and on budget.

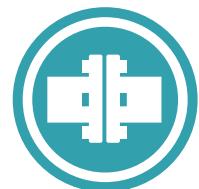
We represent the very best tradespeople who are motivated and committed to delivering quality and value each and every day. Regardless of the size or complexity of your project, our contractors and members will provide you with worry-free systems that will perform at the highest level.

I invite you to make UA Canada your source for information about the piping industry. Our staff can provide in-depth information relating to health and safety, apprenticeship and journey person training, and legislation that affects the piping industry. We are ready and able to provide knowledge, feedback or advice while broadening our value to our members, contractors, clients, regulatory bodies and government at all levels.

Thank you once again and we look forward to getting to know you better.

Steve Morrison
UA Canada





21,400

STEAMFITTERS/PIPEFITTERS



17,600

PLUMBERS



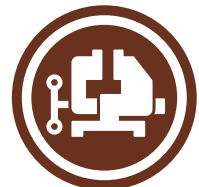
4,390

WELDERS - HIGH PRESSURE



4,660

REFRIGERATION MECHANICS



2,550

METAL TRADES - FABRICATION SHOPS



4,100

SPRINKLER SYSTEM FITTERS



1,850

INSTRUMENT TECHNICIANS



550

OTHER TRADES AND SPECIALIZED SKILLS

Some members are qualified in more than one trade



45,450

JOURNEYPersons



10,000

APPRENTICES



550

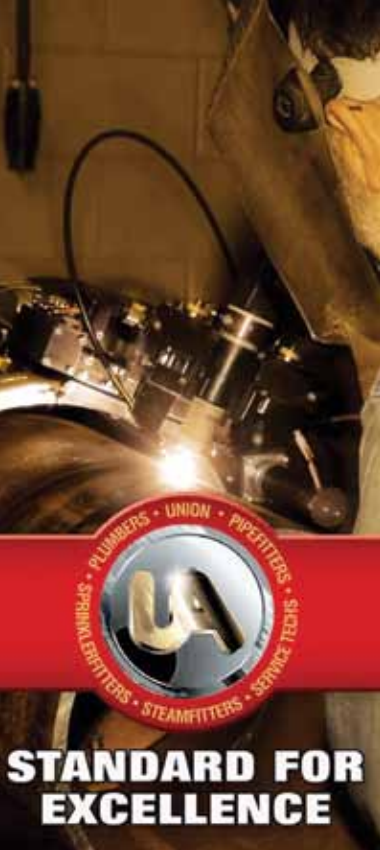
OTHER SPECIALIZED SKILLS

56,000
SKILLED WORKERS
+ GROWING

Meeting the Need for Skilled Trades in the Piping Industries From Coast to Coast

Some members are qualified in more than one trade





STANDARD FOR EXCELLENCE



UA Canada's Standard for Excellence Program

UA Canada's **Standard for Excellence** policy replaces traditional, adversarial attitudes with a commitment to attain the highest industry standards of safety and productivity and thereby ensure customer satisfaction. The Standard for Excellence achieves this by setting out clearly the responsibilities of individual UA members, the UA's Local leaders, our national office and our employer partners.

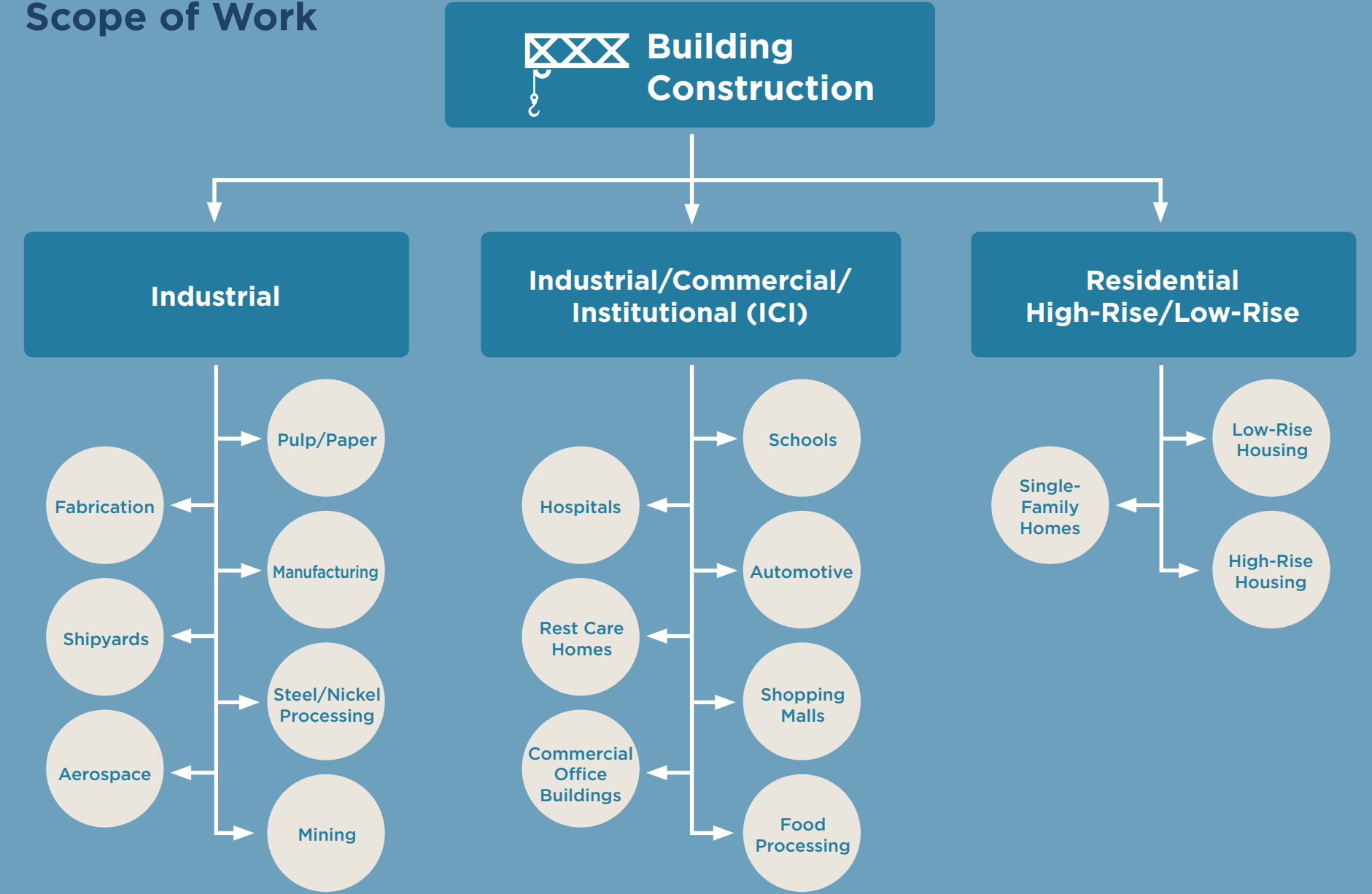
UA Locals commit that their members will carry out their trade in a manner consistent with the commitments made to employers and customers. To this end, every UA Local appoints a Standards Co-ordinator who meets regularly with our employer partners and our members to quickly solve any job performance problems that may have arisen. In the event that a member is not meeting their responsibilities under the Standard for Excellence, the Local Union assumes the responsibility to address the problem.

From the UA Canada Standard for Excellence

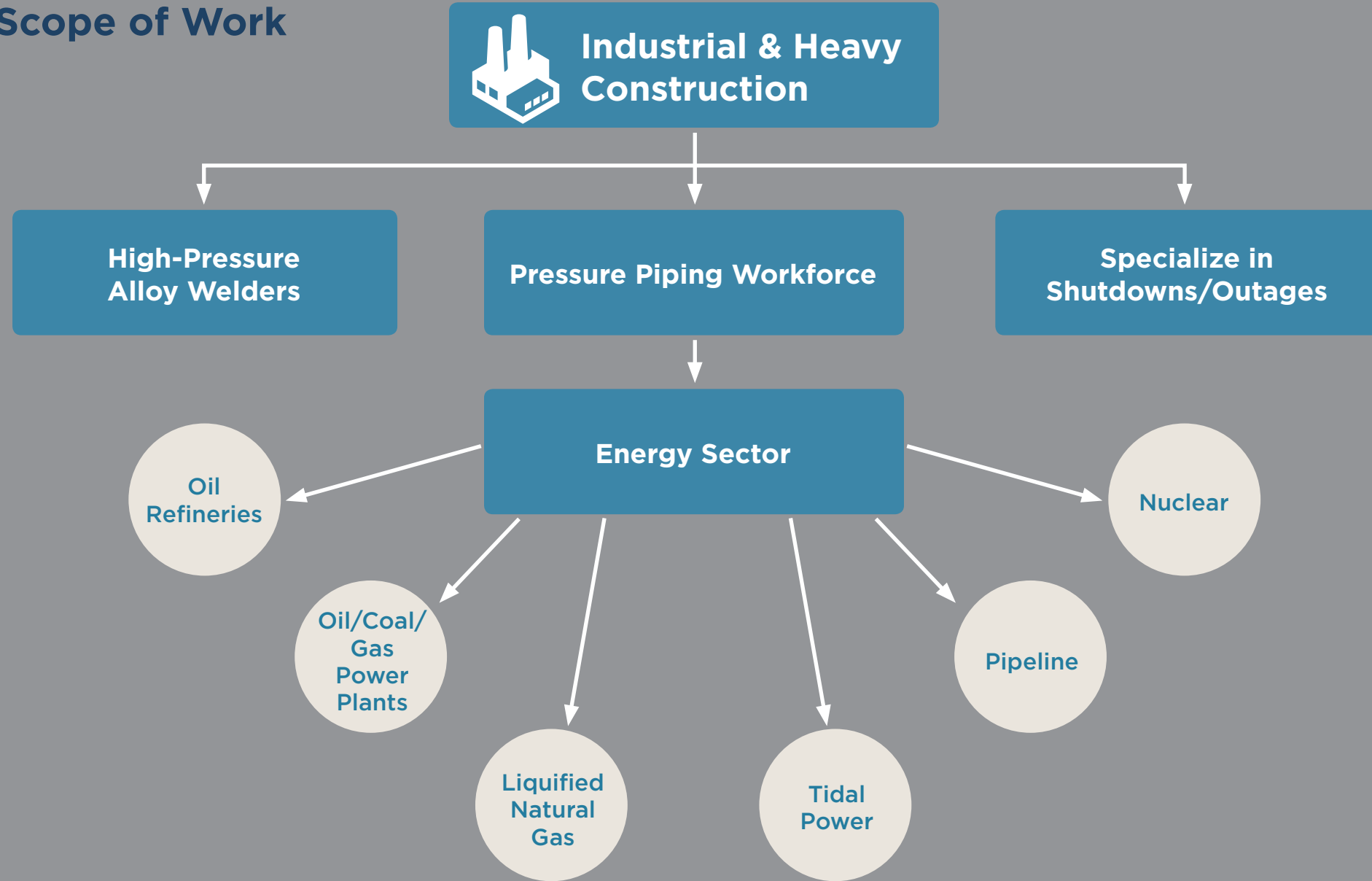
To ensure the Standard for Excellence policy meets and maintains its goals, the Business Managers, in partnership with their implementation teams, including Standards Co-ordinators and the Local membership, shall ensure all members:

- Respect the UA, the customer, client and contractor by dressing in a manner appropriate for our highly skilled and professional craft. (Offensive words and symbols on clothing and buttons are not acceptable.)
- Eliminate disruptions on the job and safely work toward the on-time completion of the project.
- Meet their responsibilities to the employer and their fellow worker by arriving on the job ready to work, every day on time. (Absenteeism and tardiness will not be tolerated.)
- Adhere to the contractual starting and quitting times, including lunch. (Personal cellphones will not be used during the workday with the exception of lunch and break periods.)
- Meet their responsibility as highly skilled craft workers by respecting those tools and equipment supplied by the employer.
- Use and promote the Local Union and international training and certification systems to the membership so that they may continue on the road of lifelong learning, thus ensuring Local craft workers are the most highly trained and sought after workers.
- Meet their responsibility to be fit for duty, ensuring a zero tolerance policy for on the job substance abuse is strictly met.
- Be productive and keep inactive time to a minimum.
- Respect and observe the customer, client and employer, and their rules and policies.
- Follow safe, reasonable management directives.
- Communicate with the Site Supervision and Standards Co-ordinators in preventing and resolving work/labour problems especially where lack of material and guidance are observed.
- Accept and abide by the Standard for Excellence Operating Rules and Regulations.

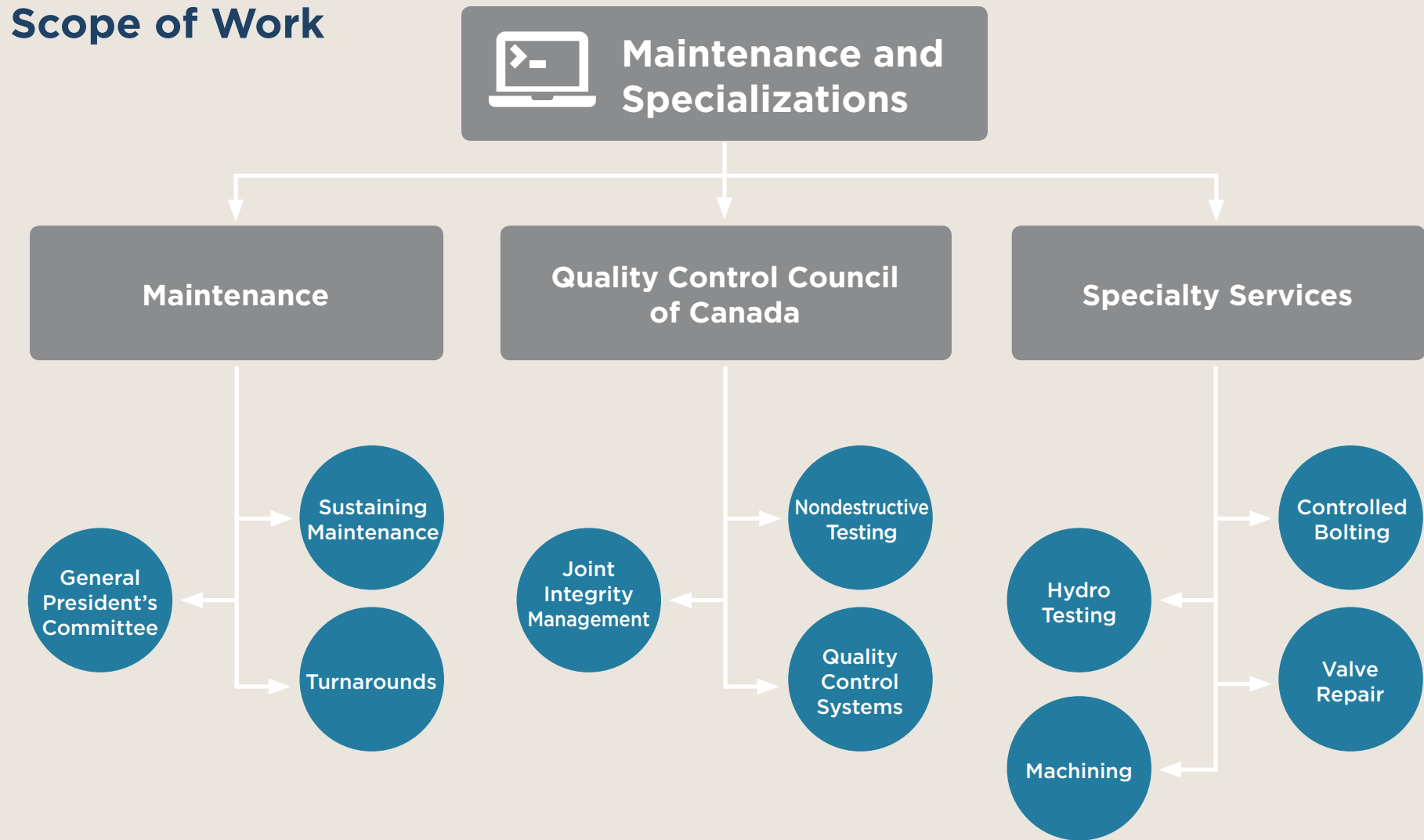
Scope of Work



Scope of Work



Scope of Work





UA Fabrication Shops From Coast to Coast

The skills and the production capacity to meet the needs of the pipeline industry:

- More than 3,000 skilled metal trades workers
- More than 50 fabrication facilities across Canada
- Quality Certifications: CWB, AISC, CISC, ASME
- Broad range of lifting capacity from <5 tonnes to >30 tonnes
- Capabilities in steel, stainless, aluminium and other metals
- More than 4,000 tonnes of production capacity per month

Newfoundland

- Ameil Contractors Ltd., Come by Chance

Nova Scotia

- Aecon Fabco JV Co., Dartmouth
- Atlantic Mechanical Contractors Inc., Dartmouth
- Black & McDonald Ltd., Dartmouth
- Pictou Shipyard, Pictou

New Brunswick

- RPS Composites, Minto
- Sunny Corner Enterprises Inc., Miramichi

Quebec

- Alloytec Mechanical Ltd., Boisbriand
- Gastier M.P. Inc., Anjou
- JYNT Fabrication Inc., Boucherville
- M.P. Eco Inc., Sherbrooke
- Muga Fab Inc., Montreal
- Qualifab Inc., Charny
- Socomec Industrial Inc., Sorel
- Tu-Mec Inc., Montreal
- Unies-Fab Inc., Jonquiere

Ontario

- Aecon Industrial, Brantford
- Aecon Industrial, Cambridge
- Aecon Mining Construction Services, Brantford
- Bennett Mechanical Installations Ltd., Millgrove
- Black & McDonald Ltd., Ottawa

- BMF Fabrications Ltd., Brantford
- Chemfab Industries, Corunna
- Douglas Barwick Inc., Brockville
- E.S. Fox Ltd., Kingston
- E.S. Fox Ltd., Niagara Falls
- Gowing Contractors Ltd., St. George
- Han King, Sudbury
- Harrington Mechanical, Pembroke
- J.R. Custom Pipe, St. George
- Lamsar Inc., Sarnia
- McNoilty, Wendover
- Plan Group, Pembroke
- Robert Laframboise Mechanical Ltd., Cornwall
- Roberts Onsite, Kitchener
- Stainless Piping Systems Inc., Etobicoke
- Sutherland-Schultz Inc., Cambridge
- The State Group Inc., Hamilton
- Tuyau Fab M.F. Inc., Windsor
- Venshore Mechanical, Thunder Bay
- Westlake Industries Inc., Burlington
- W.S. Nicholls Construction Inc., Cambridge

Manitoba

- ABCO Supply & Services, Winnipeg
- DMS Industrial Constructors Inc., Winnipeg

Saskatchewan

- Balzer's Canada Inc., Regina
- BFI, Saskatoon
- CIMS, Saskatoon
- MX2, White City

Alberta

- Academy Fabricators, Edmonton
- Aecon Industrial Western Inc., Edmonton
- Argo, Nisku
- Cessco, Fort McMurray
- ClearWater Fabrication LP, Edmonton
- ClearWater Energy Services LP, Fort McMurray
- CMR Fabricators, Penhold
- E.S. Fox Ltd., Edmonton
- Falcon Fabrication (formerly KBR), Edmonton
- Ganotec West, Acheson
- Horton CBI, Edmonton
- Jacobs, Edmonton
- Kellog Brown & Root Ltd., Edmonton
- Nardei Fabricators Ltd., Calgary
- PCL, Nisku, Leduc

British Columbia

- Co-Gen Mechanical Ltd., Fanny Bay, Vancouver Island
- Ellet Industries, Port Coquitlam
- Geo-Tech Industries Ltd., Crofton, Vancouver Island
- Ideal Welders Ltd., Delta
- Jopp Welding & Ironworks, Langford, Vancouver Island
- Newco Fabrication Ltd., Langley

UA Fabrication Shop Locations



Quality Control Council of Canada Nondestructive Testing and Allied Work Industries



The Canadian General Standards Board (CGSB) has a mandate from the Canadian Government to establish the Program for NDT Certification in Canada. On behalf of CGSB, Natural Resources Canada (NRCAN) acts as the Canadian Certification Body for NDT Inspectors in Canada.

The Quality Control Council partners with specialty employers in the Nondestructive Testing Management Association to supply rigorous, non-destructive testing using:

- Radiography
- Magnetic Particle
- Ground Penetrating Radar
- Liquid Dye Penetrant
- Ultrasonic
- Eddy Current

Technicians inspect boilers, vessels, piping, building materials, fabrication and joining processes and evaluate the integrity of welded structures in new repairs to ensure safe, efficient operation in compliance with stringent government codes and strict industry standards.

NDT Contractors provide inspection services to clients involved in the fabrication, construction and maintenance of:

- pipe mills, pipelines
- petroleum refineries, oil and gas bulk plants and terminals
- pulp and paper mills
- chemical processing and production facilities
- mines
- airplanes
- nuclear and thermo-power generating plants
- storage tanks and associated facilities

NDT Certification is regulated by the Canadian General Standards Board (CGSB) which was established by the federal government.

There are three steps required to obtain CGSB Certification:

1. Training
2. Work Experience
3. CGSB Exams

Technicians are required to take courses at designated third party NRCAN Accepted Training Organizations (ATOs) to obtain their theoretical requirements for certification. Upon successful completion of these courses, technicians are required to report to NRCAN Authorized Examination Centres (AECs) for their written and practical exams.

The QCC has been accepted by NRCAN to operate its own ATO and provides NDT training in all NDT methods. The QCC is also an NRCAN AEC for written exams in all methods.

The QCC has representatives on the CGSB NDT Certification Committee and all of the NRCAN Committees tasked to implement the certification scheme in Canada. Currently, the QCC holds key positions as the vice-chair of the CGSB NDT Certification Committee and chair of the NRCAN Scheme Committee. As well, the QCC is very well represented on the NRCAN Advisory Committee and all the NDT method Technical Committees.

The QCC also works with the federal government to develop standards and codes for the safety of workers in the nuclear industry.



UA member taking precision measurements before welding



Outreach

Helmets to Hard Hats



Helmets to Hardhats (H2H) Canada is a partnership with Canada's Building Trades Unions, their many employers across Canada, and government stakeholders.

The program offers apprenticeship opportunities to achieve a journeyman qualification in any of the building and construction trades. The program is open to anyone who has served or is currently serving in the Regular or Reserve Force components of the Canadian Armed Forces and is looking to transition into a skilled trades career.

Hammer Heads



In the Toronto area, the UA works with the Central Ontario Building Trades to deliver the Hammer Heads program.

The Hammer Heads program offers young workers from disadvantaged neighbourhoods and First Nations communities an opportunity to explore the skilled trades and to work for partnering construction contractors. The program offers extensive health and safety training, hands-on skills development at state-of-the-art union training facilities with an emphasis on Green Training, academic upgrading, mentoring, and coaching from experienced and dedicated journeymen. Upon completion of the program, graduates are placed in the construction trade best-suited to their skill set.

Skills Canada



UA Canada, in partnership with TransCanada, is a Presenting Sponsor of the Skills/Compétences Canada national skills competition for the next three years. The national skills competition draws over 500 young Canadians to a competition in more than 40 skilled trades ranging from carpentry, steamfitter/pipefitter and mobile robotics to welding, aircraft maintenance and fashion design. The national skills competition showcases the many career opportunities available in the skilled trades and technology sectors.

In addition to nominating apprentices for the regional and national competitions, the UA also provides Skills/Compétences Canada with technical experts and judges.

First Nations

Yukon

The UA signed a formal partnership agreement with representatives of Council of Yukon First Nations (CYFN), Kwanlin Dün First Nation (KDFN) and Kaska Tribal Council (KTC). The agreement was the first of its kind in North America. According to Andy Carvill, Grand Chief of the Council of Yukon First Nations, "The strategy of working with union training programs potentially helps solve both problems, offsetting the shortages in skilled labour for Canada, and providing our people with well-paying jobs in industries that will be around for several generations."

British Columbia



The UA Piping Industry College of BC has several ongoing First Nations training initiatives. These include the Aboriginal Opportunities for Trades Upgrading which helps First Nations students upgrade their essential skills so that they can enter a formal apprenticeship program. The College has opened two campuses in Northwest BC in the past two years (Kitimat and Terrace) where First Nations students can take pre-apprenticeship, trade discovery and formal apprenticeship programs. The College has also taken training on the road to increase accessibility and awareness for careers in the trades among First Nations youth. We have delivered upgrading and exploratory programs to the communities of Moricetown, Kispiox, Prince Rupert, Hazelton, Terrace, Kitimat and Masset. The College works with the First Nations Human Resource Labour Council, the Pacific Trail Pipelines Aboriginal Skills Employment Partnership, the Tribal Resources Investment Corporation (TRICORP) and the North East Native Advancing Society.

Alberta



In 1999, the UA joined with other partners to found Trade Winds to Success Training Society. Through this program, the UA participates in a 16-week aboriginal pre-apprenticeship training program. Trade Winds to Success serves First Nations in Treaty 6 and Treaty 7, as well as the Métis Nation of Alberta.

Saskatchewan

The UA works to increase First Nations' participation in the piping trades in partnership with the Labour Development Strategist of the Saskatchewan Building and Construction Trades who is both a member of Kawacatoose First Nation and a member of the UA. In partnership with our employers, the UA's Piping Industry Joint Training Board also has implemented an 8-week Job Readiness Program focused on First Nation communities.

Manitoba

The UA works with the Allied Hydro Council and the Manitoba Building Trades to expand employment opportunities and apprenticeship for members of First Nations communities.

Ontario



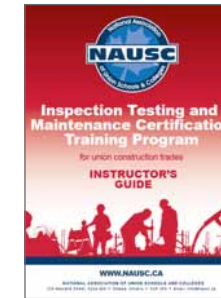
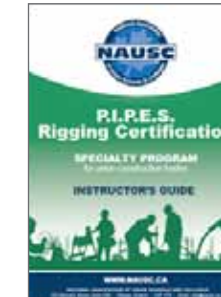
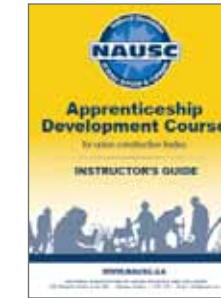
The UA's Ontario Locals work with the Aboriginal Apprenticeship Board of Ontario to increase participation by First Nations in the pipe trades. The Business Manager of our Thunder Bay Local co-chaired the Northern Ontario Steering committee as well as the Sioux Lookout Aboriginal apprenticeship board.

Atlantic Canada

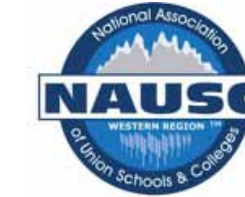
The UA has partnered with the Native Council of Nova Scotia to deliver a Steamfitter/Pipefitter Pre-Employment program for members of First Nations. The UA has also worked with its contactors to provide employment opportunities for members of the Membertou First Nation.



Training a specialized welder



National Association of Union Schools and Colleges



UA Canada shares the commitment of our employer partners and their clients to national standards. To achieve this objective, UA Canada established the National Association of Union Schools and Colleges (NAUSC). NAUSC's mandate is to develop high standards for the skills of our members that meet the needs of employers and that apply across Canada. All of the 37 training centres operated by UA Locals are members of NAUSC.

NAUSC has developed national standards along with curricula and instructor training for:

1. Work Ready Safety Training
2. Foreman Certification and Training
3. Fabrication Training Program
4. Green Systems Training Program
5. Inspection, Testing and Maintenance Training and Certification Program
6. Specialty Services Training and Certification
7. P.I.P.E.S. (Pipe, Inclusive of Piping systems and associated Equipment and Supports) Rigging Training and Certification
8. Med Gas Training and Certification
9. Steward Certification and Training
10. Apprenticeship Development
11. UA Canada's Standard for Excellence Program

Our training programs deliver the skills on which Canada's piping industry depends.

Our national standards ensure that our members have the skills to work anywhere in Canada.



UA Training Centres

Western Region

Local #324 - Victoria
919 Esquimalt Road
Victoria, BC

Local #516 - Surrey
19560 96th Avenue
Surrey, BC

Local #496 - Calgary
5649 Burbank Road S.E.
Calgary, AB

Local #179 - Saskatoon
334 Robin Way
Saskatoon, SK

Local #179 - Regina
402 Solomon Dr.
Regina, SK

Local #170 - Delta
201-1658 Foster's Way
Delta, BC

Local #170 - Fort St. John's
7825 100th Avenue
Fort St. John's, BC

Local #488 - Edmonton
16214 118th Avenue
Edmonton, AB

Local #254 - Winnipeg
34 Higgins Avenue
Winnipeg, MB

Eastern Region

Local #740 - St. John's
Mount Pearl
St. John's, NL

Local #325 - Miramichi
1930 Water Street
Miramichi, NB

Local #282 - Williamswood
31 Lee Murphy Crescent
Williamswood, NS

Local #244 - Antigonish
393 Daggerwoods Road
Antigonish County, NS

Local #213 - Saint John
351 King William Road
Saint John, NB

Local #56 - Dartmouth
30 Neptune Crescent
Dartmouth, NS

Local #682 - Cape Breton
1776 Sydney -
Glance Bay Highway
Reserve Mines,
Cape Breton, NS

Central Region

Local #46 - Toronto
936 Warden Avenue
Scarborough, ON

Local #46 - Barrie
P.O. Box #613
Barrie, ON

Local #71 - Ottawa
1250 Ages Drive
Ottawa, ON

Local #527 - Kitchener/
Waterloo
225 Frobisher Drive
Waterloo, ON

Local #527 - Windsor
11168 Tecumseh Road E.
Windsor, ON

Local #527 - London
523 First Street
London, ON

Local #401 - Oshawa/
Bowmanville
26 Caristrap Street, Unit 3
Bowmanville, ON

Local #401 - Kingston
25 Terry Fox Drive
Kingston, ON

Local #628 - Thunder Bay
969 Alloy Drive
Thunder Bay, ON

Local #800 - Sudbury
and Sault Ste. Marie
1640 Bancroft Drive
Sudbury, ON

Local #800 - Sault Ste. Marie
165 Northern Ave. E.
Sault Ste. Marie, ON

Local #144 - Montreal
9735 St-Laurent Blvd.
Montreal, PQ

Local #825 - Rock Forest
1308 -B Grégoire
Rock Forest, PQ

Local #67 - Hamilton
104-195 Dartnall Road
Hamilton, ON

Local #67 - Thorold
P.O. Box #8
Thorold, ON

Local #663 - Sarnia
1151 Confederation Street
Sarnia, ON

Local #787 - Brampton
419 Deerpark Drive
Brampton, ON

Local #853 - Markham
60 Shields Court
Markham, ON

Local #500 - Chicoutimi
1299, des Champs - Elysees
Chicoutimi, PQ

Local #827 - Laval
2400 Guidon, St. Francois
Laval, PQ

UA Training Centres across Canada





Members: Trained to Work Safely

The UA takes safety seriously.

Our Locals partner with the safety associations in every province to deliver safety training to the current standard.

UA members receive training in:

- Basic Construction Safety to the standard required in each province
- Working at Heights
- Working in Confined Spaces and Safety Attendant
- Hoisting and Rigging
- Working with Compressed Air
- Working on Elevated Platforms
- First Aid and CPR
- Working with Propane
- Respirator Training
- WHMIS
- Pipeline Safety

UA Locals maintain a record of the safety training of each and every member. We ensure that this training is kept up to date.

Foreman Certification Training

In 2009, with the support of major companies in the energy industry, the UA launched a 40-hour Foreman Certification Program. More than 1,500 UA members have now taken the course which was developed with input from working foremen, safety associations and employers.

The Foreman Certification Program trains front-line supervisors to communicate effectively and stresses the importance of clear communication and planning to meet timelines and to achieve or exceed expected levels of productivity without sacrificing commitments to a safe workplace. The course is provided to both experienced foremen who have had no formal training and also to journeypersons who want to advance to the next step in their career. Client representatives are usually involved in delivering the program. In addition to the Foreman Certification Program, UA foremen also take the supervisor's health and safety training that is offered by various construction safety associations in each province.

The UA understands the importance of trained and qualified foremen. No other union has as thorough and rigorous a program for training foremen.



Unequaled Apprenticeship Training

The Canadian Piping Industry's Number 1 Choice for Skilled Labour

UA Canada has the highest apprenticeship training standards in the Canadian piping industry.

We are the number 1 source for the best trained and most qualified apprentices in North America.

- Every one of our apprentices completes all of the training required by their provincial authorities.
- In addition, our Locals deliver substantial, specialized training that is over and above the provincial standards. This training is usually taken through night school and weekend courses.
- All of our apprentices are governed by Joint Apprenticeship Committees composed of Local Union representatives and signatory employers. This partnership with employers ensures that the progress of each apprentice is carefully monitored.
- All of our apprentices learn their responsibilities to the client through the additional training that we provide as part of our Standard for Excellence Program.
- All of our apprentices must complete the interprovincial Red Seal certification for their trade.
- Many of our apprentices achieve Red Seal certifications in more than one trade (e.g., pipefitting and welding).
- Training doesn't stop with Red Seal certification. Our journeypersons continue to upgrade their skills by taking additional training in specialized fields needed by the Canadian piping industry.
- No other college or private training comes close to our standards and training requirements.



UA Canada – The Leader in Piping Industry Skills

- 37 training centres across Canada occupying over 677,000 sq. ft. of training facilities
- 8 new training centres in the planning stage
- Fully equipped with the most up-to-date machinery and equipment
- Authorized providers of provincially approved training in Newfoundland and Labrador, Nova Scotia, Ontario, Alberta and British Columbia
- 25 full-time training directors
- More than 300 full-time and part-time instructors
- North American instructor training program and instructor certification program



UA Instructor Training Program

British Columbia

PIC The UA Piping Industry College of BC was established in 1982 to serve the piping industry's need for highly skilled labour. The college comprises a 70,000 sq. ft. main campus in Delta and three satellite campuses in Fort St. John, Kitimat and Terrace. The College is accredited by the Industry Training Authority of BC and is also authorized to deliver a range of safety training.

Pre-Apprentice Training

- Introduction to Construction
- Exploring the Pipe Trades
- Academic Upgrading in Essential Skills

Apprenticeship Training

- Piping Trade Foundation
- Steamfitter Training
- Plumber Training
- Sprinklerfitter Training
- Welder Training

Safety Training

- H2S Alive
- Construction Safety Training System (CSTS)
- Pipeline Construction Safety Training (PCST)
- WMHIS
- Forklift
- Fall Protection
- Confined Space
- Lockout/Tagout Awareness
- First Aid

Welding

- ASME Tests
- CWB Tests
- Pipe Welding Procedures (PWP 7 and 10)
- Pressure Welding (BCP-100)
- Specialty Metals Endorsement for Welders

Specialty Training

- Gas Tickets (A and B)
- Cross Connection Control Certification
- Rigging Personnel Certification
- Steward Certification
- Foreman Certification

Targeted Outreach

- Women
- First Nations
- Recent Immigrants

Alberta



In Alberta, the UA operates the Alberta Pipe Trades College in Edmonton and the Piping Industry Training School in Calgary.

Safety Training

- Construction Safety Training System (CSTS)
- Pipeline Construction Safety Training (PCST)
- WMHIS

- First Aid Targeted Outreach/ Pre-Apprentice Training
- First Nations through Trades Winds to Success Training Society: 16-week pre-apprentice program

Welding

- Pipe Welding Procedures
- Pressure Welding
- Gas Welding
- MIG, TIG
- Stainless, Chrome

Apprenticeship Training

- Steamfitter Training
- Plumber - Gasfitter Training
- Welder Training

Specialty Training

- Gasfitting

- EPRI Rigging
- Med Gas
- Blueprint Reading
- Steam Tracing, Tube Bending and Raceway
- Isometrics and Industrial Drawing
- Industrial Templating and Fabrication
- Industrial Scheduling, Planning and Estimating
- Instrument Fitting
- Polyfusion
- IRATA Rope Access
- Controlled Bolting
- Steward Certification
- Foreman Certification
- Better Supervision
- CAD/AutoCAD

Saskatchewan Piping Industry Joint Training Board

Founded in 1974, the Saskatchewan Piping Industry Joint Training Board delivers skills upgrading to UA members across the province.

Welding

- Pipe Welding
- CWB Tests
- TSAKS Pressure Welding Tests
- TIG
- Specialty Metals Welding

Gas

- E-Hazard Arc Flash
- Gas Service
- Combustion and CO Awareness
- Code and Theory

Apprenticeship Enrichment Training

- Basic Welding
- Electrical Troubleshooting
- Plumbing Code
- Gas
- Trade Math
- Pumps

Industry Leadership

- Shop Steward
- Foreman Certification Program

Safety Training

- Fall Protection
- CPR/First Aid
- Scissor Lift/Aerial Lift/Forklift
- Confined Space
- H2S Alive
- Fire Watch/Spark Watch
- Transportation of Dangerous Goods

Specialty

- Med Gas
- Rigging
- Pipe Fabrication
- Swagelock Certification





UA Canada – The Leader in Piping Industry Skills

Piping

- Cross Connection Certification Program
- Matched Taper Fiberglass Certification Program
- High-Density Polyethylene
- Plumbing IP
- Steamfitter IP

Sprinkler Systems

- Fire Pumps
- Inspection
- Sprinkler National Fire Protection Association Update

Manitoba



Apprenticeship Training

- Introduction to Plumbing and Pipe Trades
- Piping Systems and Theories
- Installation of Plumbing and Piping Systems
- Applied Plumbing and Piping Systems
- Sanitary Venting Systems
- Sanitary Drainage Systems

Community Outreach

- North End Trades Discovery Initiative focused on introducing trades to students in elementary and high school in the north end of Winnipeg. Program

delivery includes Niji Mahkwa School which is oriented to First Nations students.

Safety Training

- Fall Arrest
- Aerial Platform
- Confined Spaces
- WHMIS
- CPR/AED
- Pipeline Construction Safety Training
- Safety Construction Orientation Training
- Rights and Responsibilities
- Rigging

Ontario

Each UA Local operates a training centre to serve UA members in its area. The training centres offer a range of courses. Plumbing and pipefitting apprenticeship training is delivered through community colleges. The UA Locals supplement this training with compulsory night school or weekend courses. UA training centres deliver apprenticeship training for sprinklerfitting and air conditioning and refrigeration mechanics.

Piping

- Commercial Plumbing
- Swagelock
- Tube Bending
- Thread Identification

- Hydronics
- ASSE Backflow Prevention
- Code
- Oil Pipe Fitter
- Victaulic Pipe Fitting

Welding

- Testing: CWB, ASME, AWS
- Oxy-Acetyline
- MIG and TIG
- Pressure Welding
- Specialty Welding: Carbon, Stainless, Chrome and other Alloys

Safety Training

- Basic Safety Orientation
- Respirator Use
- Safety Attendant
- Working at Heights
- Elevated Platform
- Confined Spaces
- WHMIS
- First Aid/CPR/AED
- Forklift Safety
- Lockout and Tagging
- Working with Asbestos
- Mould Awareness
- Pipeline Construction Safety Training
- Rigging

Specialty Training

- 8-Ton Mobile Crane
- Petroleum Equipment Mechanic

- Gas Technician
- Plastic Fusion
- Fabrication
- Blueprint/CAD
- Alarm Fitting
- Natural Gas Pipefitter

Industry Leadership

- Steward Training
- Foreman Certification Training

Pre-Apprentice

- Pre-apprentice introduction to piping trades

Atlantic Canada

Training centres are operated by each UA Local in the Atlantic region. These training centres offer both apprenticeship training and a range of skills upgrade courses.

Safety Training

- Basic Safety Orientation
- Respirator Use
- Safety Attendant
- Fall Protection/Working at Heights
- Elevated Platforms/Aerial Lifts
- Confined Spaces
- WHMIS
- First Aid/CPR/AED
- Pipeline Construction Safety Training
- Construction Safety Training System (CSTS)

Apprenticeship Training

- Plumber
- Steamfitter/Pipefitter
- Sprinkler System Installer

Interprovincial Qualifications

- Welding
- Steamfitter/Pipefitter

Pipe

- Pipe Fabrication
- G-7 Gas
- Brazing and Silfos
- Centrifugal Pump and Seal Replacement
- Torque and Tensioning/Pipe Machining
- Backflow Prevention
- Standpipe Systems
- Underground Piping Installation
- Tube and Pipe Bending

Specialty Training

- Industrial Rigging
- Forklift
- Medical Gas
- Plastic Fusion
- Blueprint Reading
- CAD/AutoCAD
- Inspector Training
- Thermography

Industry Leadership

- Steward Training
- Foreman Training





Protecting the Environment



Canada Green Building Council
Every Building Greener

UA Canada is committed to construction practices that respect the environment. Our Locals are members of the Canada Green Building Council.

Through the National Association of Union Schools and Colleges, UA Canada has developed national skills standards and training programs to support our employer partners and their clients in meeting the highest environmental standards, including the LEED standards.

TransCanada's Proposed Energy East Pipeline



UA Canada supports TransCanada's proposed Energy East Pipeline.

Our Locals have actively promoted the direct benefits to local communities across Canada.



By making UA Canada and our employers your first choice, you join a partnership of builders.

Your projects will benefit from our investment in Canada's most extensive and most advanced network of training centres in the piping industry. Partnering with UA Canada will lock in your assured access to a skilled workforce today and in the future.

Your projects will gain the productivity advantage that comes from using highly skilled workers who are trained to do the job right, the first time. UA Canada's Standard for Excellence underwrites that productivity advantage.

By leveraging our outreach programs, your projects will visibly expand the community benefits that are crucial to securing broader support for major infrastructure projects.

Join a partnership of builders. Make UA Canada and our employers your first choice for piping work.



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