



THE ANNUAL REPORT



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DATE ISSUED
JANUARY 4TH, 2021



INNOVATIVE IN OUR SERVICES

HIGHLY RESPONSIVE TO OUR CLIENTS NEEDS

The CWB Group is an industry-supported private-sector organization providing welding certification, management systems registration and training services to over 10,000 companies in 45 countries. Our company delivers multi-faceted services through its various divisions: CWB Certification, CWB Education, CWB Registration, CWB Consulting, CWB Association and the CWB Welding Foundation. Having seen substantial growth over the past 15 years, the CWB Group boasts a wide variety of products and services that provide unparalleled support to the welding and joining industries in Canada and internationally.

Being one of the largest and most respected players in the industry, the CWB Group offers high standards in welding certification, education, safety and membership.

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OUR COMPANY

Our journey started in 1947 with a mission to serve the Canadian public and welding sector through our vast knowledge and technical expertise. Today, we are a trusted global leader in welding education with a strong focus on public safety and creating a strong and diverse sector in Canada.

We believe we can achieve this vision by continuing to focus on enhancing public safety and by renewing our commitment to understanding the true needs of the welding sector. By fostering a strong and diverse sector, we know that CWB Group will evolve naturally, and will remain integral to the welding industry in Canada in the future.

The CWB Group prides itself on being innovative in our services and highly responsive to our clients' needs. The organization has made notable contributions to the high level of competence enjoyed by industries employing welding and joining tradespeople. Plus, the consistent progress in welding technology, as well as the reliability of welded products, is unparalleled.



Our Mission And Vision

From humble Canadian administrative beginnings, the CWB Group has grown to become an internationally recognized brand.

Offering services across a range of industries spread world-wide; increasing quality and productivity, improving education and training, and securing public safety.



With a strong focus on guarding public safety and improving the quality of products produced by the Canadian welding, joining and erection industry.



To provide professional services which ensure the safety and quality of welding and support the success of the Canadian welding industry.



To be the go-to trusted advisor to the welding industry as the leader of solutions to enhance quality management, productivity and skill development.

CWB GROUP IMPACT

The welding industry in Canada has experienced a steady demand for welding professionals. In 2013, employment in this occupational group reached approximately 170,000, with more than half of Canada's welders located in Alberta. An analysis of key labour market indicators suggests that the number of job seekers was insufficient to fill the number of job openings in this occupational group.

87,000 Number of welders tested in Canada



11,191 Number of Audits to verify quality and compliance

72,533

CWB Association Members

Education



36

Net Promoter Score

Consulting



71

Net Promoter Score

Registration



71

Net Promoter Score

Certification



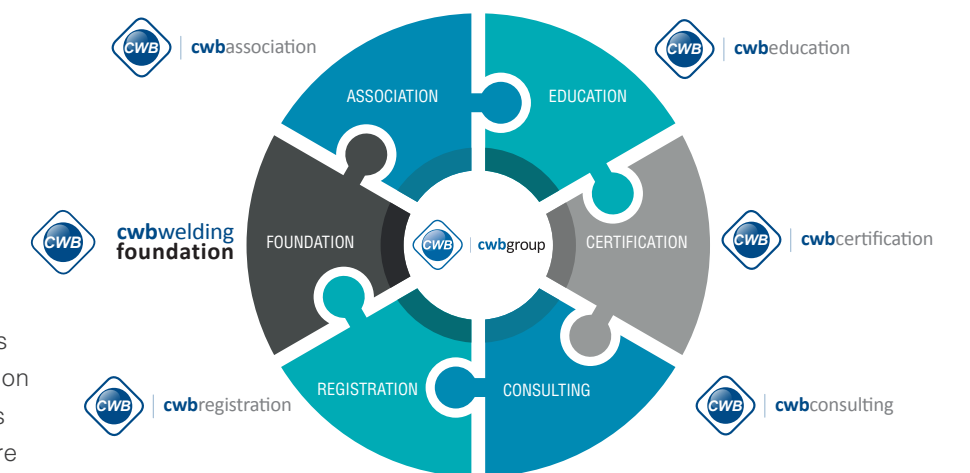
62

Net Promoter Score

Net Promoter Score that is higher than 30 indicates that CWB Group is doing great and our clients are more than satisfied with the services we provide.



CWB Group Network of Services is designed with a strong focus on industry's needs. Each business unit is working together to ensure the success of our clients and the welding industry.



CWB Group Network of Services

MESSAGE FROM THE PRESIDENT AND CEO



DOUG LUCIANI
PRESIDENT AND CEO

“Our various business units responded promptly and successfully to the effects of the pandemic across our service lines. Most of our services shifted to a virtual platform, with students being offered free courses and assistance during this challenging time, and clients being routed to remote services.”

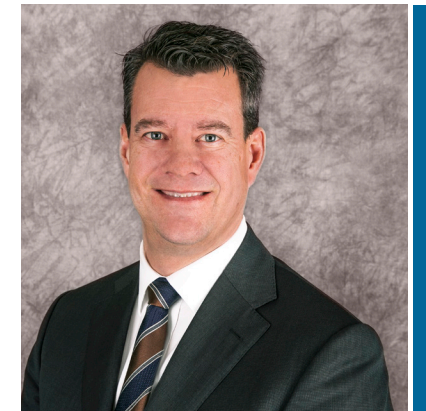
This past year has been one that none of us will soon forget. The global impact of the COVID-19 pandemic and the drop in oil prices will be felt for years to come, and with it, we will see many changes in the way business is conducted. The CWB Group has continued to make progress year over year, and 2019-20 has been no different. Even when faced with adversity, the company sprang into action and responded swiftly to the needs of the industry that we are committed to serving. In short, we have introduced many new initiatives, welcomed new staff and Board members, made significant investments in the industry, and built partnerships that will positively impact the sector's growth.

Our various business units responded promptly and successfully to the effects of the pandemic across our service lines. Most of our services shifted to a virtual platform, with students being offered free courses and assistance during this challenging time, and clients being routed to remote services. Plus, to take care of our staff's health and safety, we were diligent in making arrangements to shift all employees to remote work quickly and efficiently. Although the situation at hand is less than ideal, we will come out of this stronger and more unified.

To that end, each of our business units has a successful story to tell, with the CWB Association membership being offered for free with many of our resources, including WELD magazine, available to all clients. Implementing the myCWB portal has made billing, access to knowledge resources and courses easy and flexible for everyone that signs up. Both CWB Certification and CWB Registration have had a busy year with remote audits available to our clients at their convenience. This service will be a permanent part of their offerings in the future due to the positive reception. Our CWB Consulting team also conducted a series of virtual audits. CWB Education and CWBi Acorn offered online learning programs and also provided video content in lieu of hands-on training for students. Lastly, the CWB Welding Foundation had an excellent year of programming for youth, women, and indigenous communities, significantly impacting the quality and delivery of welding education in the secondary school system. They remain committed to fundraising activities for underrepresented and underserved populations and have had a great year.

This year has been incredible for us all; we were forced into an unprecedented situation, but with the support of our staff, clients, members and students, we have been allowed the opportunity to deliver the same, excellent service that is expected of us. I am proud of how our organization rose to this challenge; the agility and resilience with which each business unit handled the situation has been inspiring. I am confident that we will come out of this a better and stronger company and continue to serve the needs of the welding industry.

MESSAGE FROM THE CHAIRMAN



TREVOR GRAMS
CHAIRMAN

“Looking to the future, the CWB Group will continue to focus on providing certification to the Canadian welding industry and to support the safe and efficient fabrication of structural steel for Canada.”

In a challenging Canadian economy, the CWB Group continued to flourish and grow at a measured pace. The Company continues to drive ahead on a strong foundation which encompasses certification, education, consulting, registration, association, public safety and foundation activities. Our business continues to deliver on the needs of our customers, clients and the welding industry as a whole.

This year marked the 5th anniversary of the CWB Welding Foundation with over \$14 million invested in welding across Canada with a focus on underrepresented groups including women and indigenous youth during this period. Year after year, the Foundation continues to assist high schools, colleges and universities with training, capital improvements and safety equipment; to support projects of applied research in the field of welding at Canadian Universities; to provide a consistent welding curriculum to over 43% of the Canadian Secondary School welding programs; to expose youth to the field of welding through Mind Over Metal camps hosted in locations across Canada and through an investment of nearly \$250k in welding educator professional develop.

Looking to the future, the CWB Group will continue to focus on providing certification to the Canadian welding industry and to support the safe and efficient fabrication of structural steel for Canada.

As a Board, the Directors of the CWB Group are proud of what has been accomplished but understand it is a journey and the future of welding in Canada is both exciting and challenging.

BOARD MEMBERS



Trevor Grams

Chairman

Director, Innovation, Research & Development
Enbridge Inc., Edmonton, AB
Member of the Risk Committee/F&A/
CGNC/HRCC
Board Member Since 2011



Bonnie Rose

Vice-Chair of the Board

Chair - Finance & Audit Committee
President & Chief Executive Officer
TSSA, Toronto, ON
Member of HRCC/CGNC
Board Member Since 2014



Mike MacSween

Past Chairman

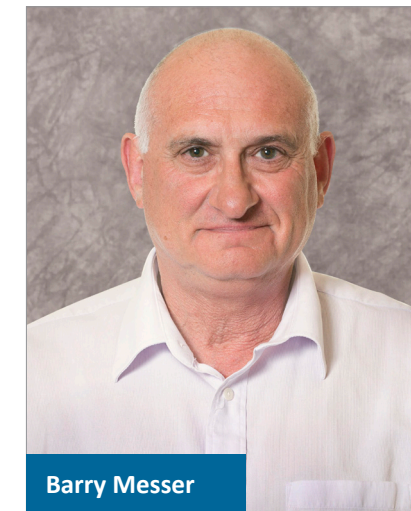
Chair of the Human Resources & Compensation Committee
Executive Vice-President – Upstream
Suncor Energy, Calgary, AB
Member of F&A Committee
Board Member Since 2010



Peter Malajczuk

Vice-Chair – F&A Committee

Past Vice-President Finance (BCE)
Consultant
Toronto, ON
Board Member Since 2016



Barry Messer

Member of the HRCC

Manager, Materials & Welding
Engineering & Corporate Technical
Director, Fluor Canada Ltd.
Calgary, AB
Board Member Since 2007



Tannis Proulx

Member of CGNC & F&A Committee

Senior Vice-President
Industrial Construction
Bird Construction
Edmonton, AB
Board Member Since 2020



Joe Doria

Chair of the Corporate Governance & Nominating Committee

Past President & CEO, Lincoln Electric
Canada & Past President Lincoln
Electric Europe
Toronto, ON
Member of the HRCC Committee
Board Member Since 2003



Bob Gaudette

**Chair of the Risk Committee,
Vice-Chair - CGNC**

Past Senior Advisor
House of Commons
Ottawa, ON
Board Member Since 1997



Carolyn Carbonneau Hanson

Vice-Chair – Risk Committee

Vice-President, Projects
Banker Steel Company LLC
Lynchburg, VA
Board Member Since 2011



Frank Roberts

Member of the Risk Committee

F.A. Roberts & Associates Ltd.
Engineering Consultants
Winnipeg, MB
Board Member Since 1998



Max Ruelokke

Vice-Chair - HRCC

Offshore Oil & Gas Consultant
Conception Bay South, NL
Member of the Risk Committee
& F&A Committee
Board Member Since 2016



Tim Verhey

**Member of the Risk Committee
& CGNC**

Executive Vice-President Engineering
& Operations
Walters Group Inc.,
Hamilton, ON
Board Member Since 2019

BOARD MEMBERS



David Collie

Member of the HRCC & F&A Committee
President & Chief Executive Officer
Electrical Safety Authority
Mississauga, ON
Board Member Since 2020



Doug Luciani

President and Chief Executive Officer
CWB Group
Milton, ON



Board and Governance Information

Size of the Board	13
Number of Independent Directors	13
Average Age	60
Percent Gender Diverse	25
Board Meetings held per year	4
New Director in the last 5 years	5
Directors Compensation	\$0

The CWB Group Board has 4 Committees:

- Human Resources & Compensation Committee (HRCC)
- Finance & Audit Committee (F&A)
- Risk Management Committee
- Corporate Governance & Nominating Committee (CGNC)

The CWB Group Board has a solid track record of integrity and corporate governance practices.



“This fiscal year has seen many exciting and innovative initiatives including a significant change to our CWB Association model which is now being offered for free to all members. In response to industry needs, the Association has prioritized the growth and sustainability of the trade by offering access to a wide array of knowledge and resources on a flexible platform to help member engagement and interactivity.”

**Michael Stewart- Vice-President,
Corporate Services | CFO**

MAKING A DIFFERENCE

The Canadian welding industry is experiencing a shortage of welding professionals in several provinces and sectors, due in significant part to an aging Canadian population, a lack of young people being attracted to the skilled trades and the reduced focus on skilled trades training in secondary and post-secondary institutions. If this shortage is not quickly addressed, it may inevitably lead to a crisis in the industry and its ability to be globally competitive in the future. Over 100,000 Canadians are currently employed as certified welders across more than 6,300 certified organizations. Recent labour market surveys indicate strong growth for the welding and joining industry over the next decade and beyond. Shipbuilding, oil and gas, manufacturing and many other sectors are facing recruitment challenges—skills gaps and skills shortages—including a need to replace 20-30 per cent of their workforce through retirement over the next 10 years.

What is CWB Group doing?

- The CWB Group is protecting the safety of Canadians by ensuring that the welding work done on critical building and infrastructure projects conforms to Canadian codes and standards.
- Our for-profit businesses contribute 75% of the revenue to the CWB Welding Foundation. Work done by our Education, Registration and Consulting supports our Foundation to continue doing good in the Canadian welding industry.
- Enforcing safety in the welding industry means certified companies must continually demonstrate compliance with the requirements of the certification standard. This includes testing of new welders, retesting of existing welders, qualification of new welding procedures and ongoing verification of visual weld quality.
- Strengthening the industry through our education products. At the start of the COVID-19 pandemic, the CWB Group offered free online courses to individuals and introduced a CWBi Acorn course curriculum to colleges and high schools across Canada.
- Providing knowledge and understanding our customers through industry events across Canada. The CWB Group hosts annual CanWeld and Educators Conferences to discuss issues around current trends, industry advancements, welding and joining, health and safety, and so much more. We also give back to the industry by hosting local Welding Industry Days in cities across Canada and online to discuss matters specific to our clients in the regions they live in.
- The CWB Welding Foundation is committed to forging partnerships between industry, education and government that enable Canadians to build great careers in the welding industry. With over \$16 million invested to date, the Foundation encourages all those interested in exploring future opportunities in the skilled trades and welding-related careers.



YEAR IN REVIEW

2019/2020 was a year of innovation for the CWB Group. Our organization pioneered many new products and solutions to strengthen the Canadian welding industry.



VIRTUAL SERVICES



CUSTOMER PORTAL

CWB CERTIFICATION

To support our clients during the COVID-19 quarantine, the CWB Certification team developed a new program to deliver virtual audits to our customers. This eliminated the need for in-person visits from our Certification Service Representatives and ensured the safety of both clients and staff. A new customer portal was developed to provide additional value and self-service to Certification clients. The myCWB portal allows customers exclusive access to all of their relevant data with the CWB Group. Additionally, the Certification team has transitioned to the 2019 version of the CSA W47.1 standard and supports our clients as they adopt the new version of the standard.

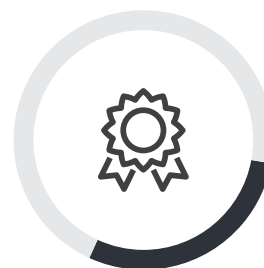
CWB EDUCATION

COVID-19 posed a great challenge for CWB Education, but the team was swift in responding to the crisis. Students were provided with the opportunity to transfer their courses online, plus many of the classes were offered free of charge to alleviate the stress posed by the pandemic and keep students ahead of the curve. With the launch of the first-ever Canadian hydrostatic testing program, 2019 ended on a high note for the team with increased engagement and sign-ups amongst students.

Additionally, the CWBi Acorn team has been extremely busy this past year in forging strategic partnerships



VIRTUAL LEARNING



FREE ONLINE CURRICULUM

across the industry. UA Canada is one of the most prominent organizations that have adopted Acorn across all training materials this year, a big win for the division.

CWBi Acorn was highly reactive during the pandemic and worked tirelessly to find solutions for students affected by the current situation. Plus, colleges were offered a free online curriculum during the pandemic to keep up with increased demand in virtual learning.



FREE CLASSES



DISCOUNTED COURSES



CWB ASSOCIATION

The Association has seen many exciting changes in the past couple of years. With a commitment to promote the welding and joining industry in Canada, they have worked hard to find an innovative approach to bringing awareness to the trades. Last year, we hosted the first Welding Industry Day in Hamilton to a hugely positive response from all attendees. It featured presentations from industry professionals, and students were given the opportunity to chat with key players in the industry about the future of the younger generation in welding. Companies presented on new technologies and staff held roundtable discussions to gauge what issues were most important to the industry. 2019 also saw the launch of the highly anticipated digital version of WELD magazine in both English and French. A trusted publication in the industry, we were very excited to offer the digital version to all myCWB members on an easy-to-use platform. And as always, we hosted two hugely successful conferences, both in Nova Scotia and we couldn't be more pleased with the outcome. Both conferences brought together the best in industry and allowed for numerous networking opportunities for all those in attendance.

YEAR IN REVIEW

Overall, the CWB Group seeks to promote the health and safety of the welding industry in local communities and Canada as a whole. We are committed to being leaders to affect positive change for the ongoing improvement of the sector by undertaking various initiatives in each business unit. 2019 was a pivotal year for the organization, and even though we are navigating through uncertain times, we hope to share many innovative service offerings for the remainder of 2020.



**MINIMIZE THE RISK
TO STUDENTS**



**RETAINED
SERVICES**



CWB CONSULTING

The newly rebranded consulting unit had a few notable wins this past year. The highly experienced consulting team is offering its services to high schools across Canada to minimize the risk to students and instructors due to an increase in reporting welding-related injuries. The team will work with area high schools in providing detailed reports of equipment and non-conformances to ensure that all participants are working in a safe environment. Plus, in response to the COVID-19 pandemic, the consulting team has worked with companies to offer retained services through an online platform to keep business going as usual and has succeeded in securing their first international client.

CWB REGISTRATION

In response to the COVID-19 pandemic, the Registration team responded quickly to our customer needs by hosting virtual audits with the promise of a detailed report on the same day. This was done to eliminate high travel costs for organizations while delivering the same high-quality service. Furthermore, CWB Registration is also accredited with SCC to provide registration to companies for ISO 45001. Because it enables organizations to put in an occupational health and safety management system, we expect registrations to rise significantly in the upcoming year. The team is also offering ISO 50001 services for the management of energy in any given business size.



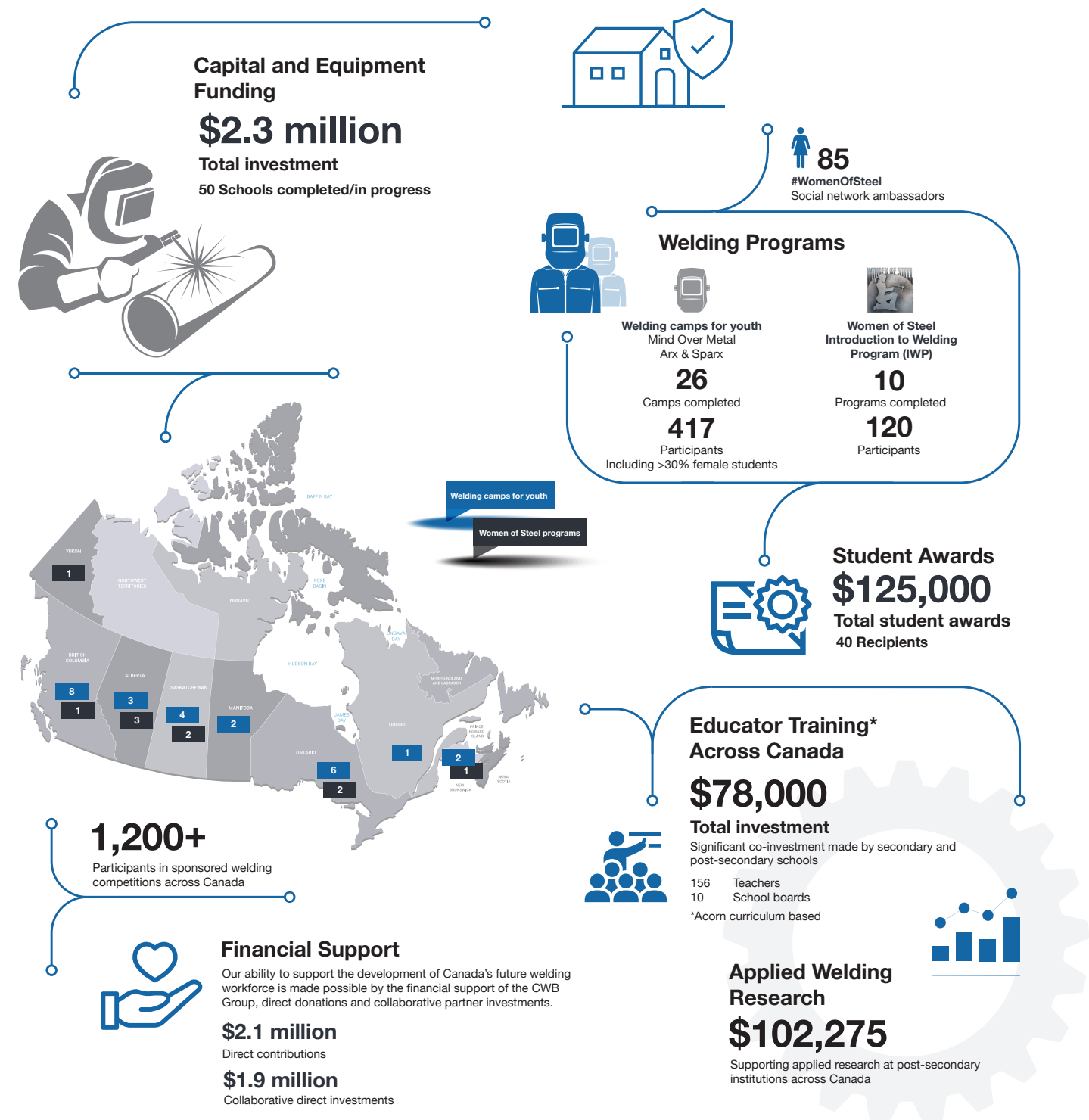
VIRTUAL AUDITS



**ACCREDITED
WITH SCC**

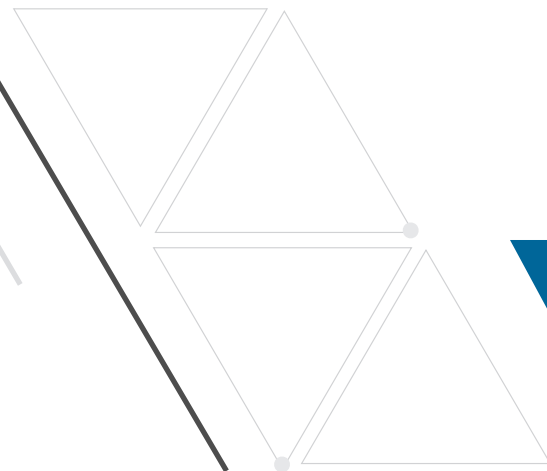
CWB WELDING FOUNDATION

The 2019-2020 fiscal year was full of accomplishments for the CWB Welding Foundation. The impact of our programs and investment was felt Canada-wide, and the support provided to the welding industry was meaningful. From capital and equipment funding, to welding programs for youth and women, to financial awards for students, the Foundation is supporting the welding workforce of the future. To view more impact reports from the CWB Welding Foundation, visit cwbweldingfoundation.org/impact





Offering services across a range of industries spread world-wide; increasing quality and productivity, improving education and training, and securing public safety.

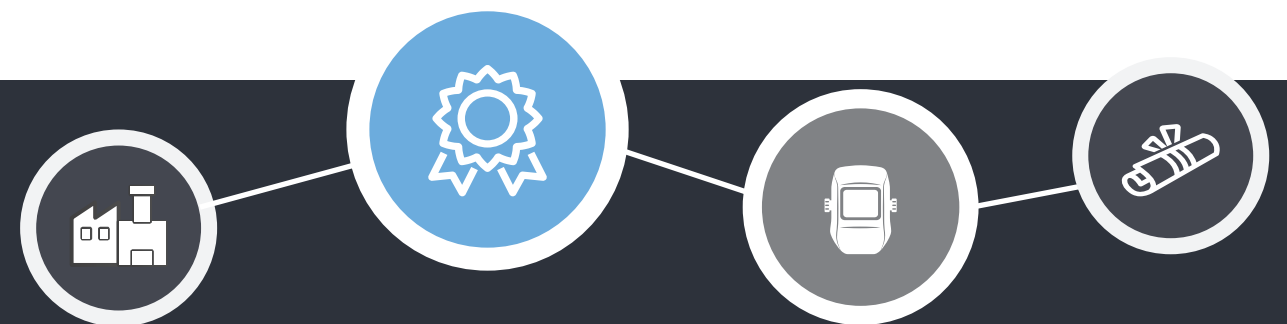


Services designed with a strong focus on industry's needs.



SERVICES & PRODUCTS

Over the last few years, the CWB Group brand has gone through some fundamental changes. The company unified its branding to ensure that our various service and product offerings are identifiable. With this change came the promise of a customer-centric brand focused on providing a level of service that not only exceeds expectations but is highly trustworthy. Whether you are an active member of the association, a certified company, or an ISO 9001 registered client, the CWB Group is your one-stop-shop for all things welding.



CWB Association: National member-driven association mandated to promoting and supporting the welding and joining industry in Canada. Free for all members, the association provides a variety of knowledge and resources on the easy-to-use myCWB portal.

CWB Education: Developed and presented by experts in the field, CWB Education boasts over 18 core products, resource publications and training courses to support the industry. It also offers CWBi Acorn, a national initiative to provide standardized training, testing, assessment, credentials and recruiting at a national level. A flexible learning platform, CWBi Acorn, can be adapted to fit within existing training initiatives or adopted on its own.

CWB Certification: certifies companies, inspection organizations, inspectors and welding consumables through a review and qualification process to ensure that they meet the requirements for a variety of product and safety codes as well as standards.

CWB Consulting: a welding engineering technical group of experts sharing their knowledge and training to help you achieve your goals of welding performance. Optimize productivity, improve product quality and reduce operating costs.

CWB Registration: auditing services committed to improving performance and customer experience for clients. A team of experts provides auditing and ISO certification services across 40 sectors through Canada and the U.S.

CWB Welding Foundation: national registered charity, established in 2013, that relies on the support of industry and community organizations to address the welding skilled trade shortage and mismatch in Canada.

CWB WELDING FOUNDATION

The Canadian welding and fabrication industry is experiencing a shortage of welding professionals, due to an aging Canadian population, a lack of young people being attracted to the skilled trades and the reduced focus on skilled trades training in secondary and post-secondary institutions. Recent labour market surveys indicate strong growth for the welding and joining industry over the next decade and beyond. Nuclear power, shipbuilding, oil and gas, manufacturing and other sectors are acting now by partnering with the CWB Welding Foundation to address the skills shortage and skills mismatch and build the welding workforce of the future. A national registered charity, the CWB Welding Foundation was founded in 2013 by the CWB Group to address the significant workforce challenges that industry is facing and will continue to face into the future.



VISION

To facilitate and support the Canadian welding industry in having a sustainable supply of skilled welding professionals and tradespeople that contribute to our economic prosperity.

MISSION

To forge partnerships between industry, education and government that enable Canadians to build great careers in the welding industry, through encouraging awareness, training, the promotion of best practices through a quality educational experience, impartial advocacy and greater accessibility.

SPARKING SUCCESS - TOGETHER

The CWB Welding Foundation develops and facilitates education-based programs and initiatives—beginning in elementary school and into career and professional development and re-skilling—to reduce barriers that affect key groups: elementary, secondary, and post-secondary students and educators, Indigenous, women, at-risk youth, disabled, and the disadvantaged.

Through welding camps and experiential learning programs, students can explore their interests, build their skills, and consider welding as a potential career. Together with partners and donors, we help schools access modern equipment, infrastructure, consumables and training that reflect industry needs. We offer “Train the Trainer” programs to welding instructors so they can make use of the latest knowledge and techniques. And, with support from our partners, the Foundation provides a range of awards and bursaries to help students continue their journey.

2019/2020 IMPACT HIGHLIGHTS

\$4,355,649

Total investment in Capital and Equipment Funding

The Capital Equipment and Consumables fund supports the advancement of welding programs by ensuring safe, high quality equipment and learning environments are available to students. As of January 2020, \$2,847,086 has been granted to more than 164 institutions, with the total contributions from third parties at \$4,355,649.



156

Welding educators took part in our programs

We provide professional development to metalwork and welding teachers in secondary schools across Canada. Last year, 156 welding educators took part in our programs, and more than 250 educators are waiting for the next available session in their area.



36

camps at secondary and post-secondary institutions across the country

The Foundation's flagship “Mind Over Metal” welding camps, targeted for youth ages 12-15, are changing perceptions held by youth and their parents about welding and careers in welding. Last year, we held 36 camps at secondary and post-secondary institutions across the country, introducing welding to more than 525 participants.

The CWB Welding Foundation has already spearheaded significant change across Canada. Nevertheless, challenges remain. Barriers of perception, opportunity and access limit new talent from entering our industry. With the leadership of individuals who make up our Board of Directors, a solid strategic plan, and partner organizations that share our commitment and passion for the welding trade, we're proud of what we've accomplished and look forward to advancing our shared agenda over the next five years with an engaged and visionary Board.

“



“I enjoyed everything about the camp. The awesome instructors teaching us the basics of welding...showing us some great projects...and making new friends who also liked welding. It was a great week.”

- Waylon Lauck, 14, Mind Over Metal Camp attendee, 2018, High Prairie, Alberta, with his favourite welding project to date - a quad ramp he built for his family.

”

CWB EDUCATION

The CWB Group delivers education through CWB Education. Developed and presented by experts in their field, CWB Education boasts over 18 core products, resource publications and training courses supporting engineers, welding inspectors, supervisors, and welders. Whether you're looking to advance your career, upgrade your skills or simply get better at your job, CWB Education gives you that opportunity.



The CWB Group's main goal is to ensure that the Canadian welding industry is successful and remains above the norm. We are committed to providing top notch education and unifying the skills across the country. Whether it is through our CWB Education individual courses and exams, or through our CWBi Acorn, developed licenced content we provide to schools and businesses. Our focus is to ensure Canadian welding industry is second to none.



CLASSROOM COURSES

For students taking CWB Group courses and others needing to write examination to complete a qualification, the CWB Group now has in place a network of approved examination invigilation centres.



ONLINE COURSES

Developed and presented by experts in their field, CWB Education boasts over 18 core products, resource publications and training courses supporting engineers, welding inspectors, supervisors, and welders. Whether you're looking to advance your career, upgrade your skills or simply get better at your job, CWB Education gives you that opportunity.



EXAMINATION NETWORK

All Acorn courses are supported by standardized testing developed to gauge a learner's uptake and retention of both theory and practical content.

CWB EDUCATION

Welcome to Acorn - this is a new national initiative to provide standardized training, testing, assessment, credentials and recruiting at a national level. It can best be thought of as a flexible learning platform that can be easily adopted on its own, or adapted to fit within existing training initiatives.

It is intended to be national program with a prime goal of providing world-class training material and support programs in a fully uniform, transparent and accountable fashion. It will be centrally administered and managed through CWB Group's CWB Education on behalf of industry, educators and students who want to support the program.



SECONDARY SCHOOLS

To meet the growing demands for skilled trades workers and help reverse skilled labor shortage trends, Acorn has made a commitment to providing world class content for secondary schools across Canada.



POST-SECONDARY SCHOOLS

Acorn has developed content to support varying stages of welding and metal fabrication training while providing a unique platform to help educators develop the most industry-ready students by setting them up for future success.



BUSINESSES

Most trades-based learning happens on the job. Acorn helps support continued professional development of employees and enhance or create companywide internal training programs.



- Provides uniform training nationally
- Provides access to tools that help employers recruit the right staff
- Self paced learning: In class, online or mobile
- Can be used by itself or incorporated into existing training programs
- Low cost centralized National training resource

CWB CERTIFICATION

The CWB Group certifies companies, inspection organizations, inspectors, and welding consumables through a review and qualification process to ensure that they meet the requirements for a variety of product and safety codes as well as standards such as CSA W47.1, CSA W47.2, CSA W55.3, CSA W186, CSA W178.1, CSA W178.2 and CSA W48.



In order to achieve and maintain certification, companies engaged in welding are required to have their personnel qualified for engineering, supervisory and welding activities, and follow approved welding procedures.

Similar to welding companies, welding inspection organizations are required to have their personnel qualified for supervisory and certified for inspection, whether it's visual, destructive or non-destructive testing.

Individuals looking to achieve certification as visual welding inspectors are required to meet the standard's experience requirements and successfully complete written and practical exams.

In Canada, a number of CSA product standards require welding fabricators to use welding consumables

certified in accordance to CSA W48. CSA W48 provides requirements for the classification and certification of welding consumables by themselves or in conjunction with gas mixtures or fluxes as applicable.

Stud manufacturers are also required to qualify their stud bases in accordance with CSA Standard W59 or other governing standard.

As the Authorized National Body (ANB) for the International Institute of Welding (IIW), the CWB Group provides several levels of internationally recognized certifications and qualifications for welding professionals along with certification for welding companies.

CWB certification opens doors for you and your business. Certification is voluntary, however, without CWB certification, a company is excluded from the market where, by regulation or contract, fabricators are required to be certified. For over 70 years, CWB Certification, as the administrators of the relevant CSA Standards in support of the above, has been providing valuable assistance and guidance for companies seeking certification and welder qualification.

CWB CONSULTING

CWB Consulting is a welding engineering and technical group of experts, sharing its knowledge and training to support you in achieving your goals of welding performance. Our optimized solutions are in full conformance with recognized welding codes from CSA, AWS, ASME, etc. As an industrial leader, CWB Consulting will provide our clients with technical skills and targeted solutions in a timely, cost-effective manner. The CWB Consulting team consists of knowledgeable engineers and technologists with one of their greatest strengths being their long tenure in the industry. With such a vast array of knowledge at this disposal, there no better team to educate future welders on the best welding practices in the industry to ensure success and a lengthy, and flourishing career.

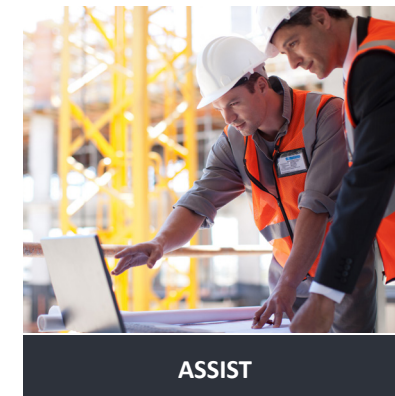


IMPROVE

Retaining a welding engineering company helps the welding fabricator / manufacturer to better understand certification requirements and also to rely on a team of professional engineers and welding technologists that will be responsible for developing all welding procedures required on different projects.

Provide conformance to Canadian and International Welding Codes

Provide time sensitive technical expertise to our clients which ensures they meet all technical requirements



ASSIST

Consulting's staff will help you understand the drawings' welding requirements, select proper filler metals, develop heat treatment procedures, improve on welding production and understand welding faults, their causes and how you can prevent them.

Improve Health and safety in companies and schools

Create a market place where Canadian companies can compete on a global basis



SAFETY

CWB Consulting's customers range from small mobile operations to parts suppliers for the automotive industry, and large manufacturing plants. Our services are designed to support you, whether you are making widgets, bridges, car parts, repairing equipment or welding heavy structures.

Educate and assisting clients to meet their customer needs

Support the industry by donating the majority of our profits to the CWB Welding Foundation

CWB REGISTRATION

Meet your company's objectives, improve your performance and customer experience by implementing CWB Registration auditing services. Work with our team of experts that are committed to establishing a relationship with your organization and whose industry experience and expertise will help you achieve your goals.



Our exceptional client satisfaction rating is derived from its expertise, experience and commitment to service excellence in providing auditing and ISO certification services that cover over 40 industry sectors throughout Canada and the U.S.



IMPROVE

Enhance customer satisfaction and achieve top operational performance with our auditing services.



98% SATISFACTION

Our exceptional client satisfaction rating is derived from its expertise, experience and commitment to service excellence.



SAVE MONEY

ISO certification services that cover over 40 industry sectors throughout Canada and the U.S.

Providing an independent third party audit which reviews customers quality management systems and highlights where there are gaps in the system so companies can review those gaps and hopefully find ways to improve their systems.

CWB ASSOCIATION

The CWB Association is a not-for-profit division of the CWB Group. The CWB Association was formed as a national member-driven association, mandated to promoting and supporting the welding and joining industry in Canada. It provides a Canadian forum in which welding professionals, their employers, fabricators and welding-products suppliers are all able to exchange information, share knowledge, resources and work with each other plus, government and regulatory agencies to advance the welding profession.



Our mission is to support the sustained success of the Canadian welding industry through innovative programs by Connecting - Educating – Advocating

CWB ASSOCIATION CHAPTERS

The CWB Association has 19 Chapters strategically located in major Canadian cities. The chapters organize technical seminars and events that meet the needs of its area members. The CWB Association Chapter Chairs represent their chapters as advisors on the National Advisory Council (NAC) and meet twice per year to discuss issues of importance to their members, provide reports on their activities and provide advice to the CWB Association national body.

CONFERENCES & WELDING INDUSTRY DAYS

PUBLICATION

With sixteen years behind us, WELD continues to be one of the top leading Canadian technical welding magazines within our industry. We strive to bring relevant and informative content that highlights welding practices, professionals, education, news, research, and lifestyle.

Welcome to CanWeld, Canada's only home-grown welding and fabrication expo and conference. For the past 10 years we have provided a wide range of speakers, covering a broad range of industry related topics. This 3 day event is a must for anyone who wants to network, learn, and see what new technologies are available on the market.



| **cwbgroup**

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