BC Government Professional Reliance Review Update

The Future Economy of British Columbia is reliant upon growing and emerging technologies. Industry leaders know that our skilled technology professionals will drive this success. Hiring ASTTBC-certified members is the solution for BC businesses searching to acquire and retain competent, technically skilled and accountable professionals.

In response to an increasing number of employers recognizing the value of technologists and technicians as an important part of their professional team, ASTTBC has launched the Employer Liaison Program. This initiative is designed to support both the skill-seeking employer and the job-seeking member, with a three-pronged approach:

• Technology Professionals (QP)
• Support of qualified professionals in public interest, ensuring public safety
• Oversight of all professional associations

ASTTBC Launches Employer Liaison Program

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In the News…

Honorary ASTTBC Member Receives Order of Canada
Bryan Tisdall, the retired CEO of Science World, has received the Order of Canada for his contributions to improving youth-science literacy and dedication to fostering a love of science among British Columbians. Bryan served many years as a member and valued partner of ASTTBC’s Technology Education & Careers Council.

BC Budget Highlights
The BC Government tabled the 2018 Budget announcing funding for technology education, infrastructure projects, skills training for indigenous people and support for newcomers. Government targeted $51M for computers sciences, information technology and engineering. All good news for technology education in British Columbia.

With the green light for major projects such as the Site C dam and the Pattullo Bridge replacement, the need for technical skills to help design, construct and maintain these infrastructure projects will increase. ASTTBC is looking to the BC Government to ramp up many more two-year engineering technician programs across BC.

1958 – 2018
ASTTBC Celebrates 60 Years of Tech Pros Serving BC Communities

ON APRIL 21st, 1958 a small number of technologists and technicians, working primarily for professional engineers and architects, saw both the opportunity and need for the formation of an organization that would serve individuals with very diverse backgrounds and technical expertise. With this vision in mind, they established The Society of Architectural and Engineering Technologists of BC (SAET). What unfolded over the next 60 years is now our history, contributing to the legacy of our current Association…

1960s
• Membership 700
• 4 levels of Certification: Technician I – III and Technologist
• Name changed to The Society of Engineering Technologists of the Province of British Columbia (SETBC), still registered as a society

1970s
• Membership 1,500
• 3 levels of Certification: Certified Engineering Technician, Senior Engineering Technician and Certified Engineering Technologist; all as C.E.T.
• First accreditation of technology programs at BCIT and BC colleges
• First Registrar hired… John E. Leech, AScT, CAE

1980s
• Membership 3,000
• Incorporated under the ASTT Act recognizing ASTTBC as a self-governing professional association
• 2 levels of Certification: Certified Technician (CTech) and Applied Science Technologist (AStT)
• Arranged reasonably-priced professional liability insurance for technologists and technicians
• Foundation registered and first bursaries awarded to students in accredited programs

1990s
• Membership 7,000
• AScTs and CTechs referenced in Ministry of Transportation & Highways and in the Ministry of Forests Technical Consultants’ Registry: Qualified Professional recognition is realized
• First province to provide Special Certification for expertise such as building design, fire protection, site improvements, surveys and timber cruising
• Ranked in the top five professional associations in an independent cross-Canada survey
• First ‘Limited Licence’ in Engineering issued by EGBC to an AStT
• Memorandum of Understanding with Professional Biologists
• Joint Statement of Principles with the Professional Foresters

2000s
• Membership 9,000
• Exemption in Land Surveyors Act for AScTs and CTechs
• Signed Memorandum of Understanding with the Corporation of Land Surveyors of BC
• ASTTBC members included as ‘Qualified Professionals’ in Municipal Sewage Regulations and in Streamside Protection Regulations
• Revised Foresters Act includes Registered Forest Technologists – 450 Forest Technicians transferred from ASTTBC to the Association of BC Forest Professionals
• ASTTBC-registered professionals are appropriately recognized in government legislation
• Launched the First Nations Careers Council to support and assist First Nations build technology careers
• Launched the BC Women in Technology initiative to support and guide young girls and women as they consider technology careers

2010s
• Membership 10,500
• Introduced RTMgr certification recognizing AScTs and CTechs involved in supervision, management or leadership in the technology fields
• EGBC (formerly APEBC) – ASTTBC Tech Task Forces formed to introduce the Professional Technologist (P'Tech) designation for BC
• ASTTBC-EGBC Joint Board launched to find areas of practice for senior technologists
• Technical Safety BC approved an ASTTBC special certificate as an Electrical Work Practitioner (EWP) for AScTs and CTechs in electrical, electronics and biomedical engineering technologies
• Technology Registrations Canada (TRC) launched as separate corporation and delegated to accredited technology programs offered by BC colleges and institutes on behalf of ASTTBC
• Introduced mandatory CPD reporting
• Enhanced professional accountability with the introduction of Practice Assessment Reviews
• Launched TechJOBS service for members and employers
• Developed initiatives/services to assist Internationally Trained Technology Professionals (ITT), First Nations and People with Disabilities in collaboration with the BC Government
• Together with EGBC and ACEC-BC, released a research paper titled, A Strategic Direction for Technology Education and Skills in British Columbia, addressing education, careers and labour market demands
• Technology Education & Careers Council promoted tech education and careers with government and other stakeholders

ATTENTION
Geomatic Technologists and Technicians

The Association of British Columbia Land Surveyors invites you to consider a career as a commissioned professional Land Surveyor. If you are working in the field of cadastral land surveying and are not currently registered as a Survey Student please contact the Association office at 506-655-7222.

In the News… cont’d on page 4

WoodWORKS Technologist Award
Karla Fraser, Senior Project Manager, Urban One Builders, was awarded the inaugural Technologist Award at the recent 2018 Wood Design Awards for her work Brock Commons – Tallwood House. The 18-storey project, located at UBC in Vancouver, was the tallest hybrid mass timber building in the world at the time of construction and showcases qualities that demonstrate wood as a premier building material for the future.

For more info, check our website at abcls.ca

— 2 —
R E V I E W I N G  T H E  P R O F E S S I O N A L  R E L I A N C E

model is a top priority for the BC Government because the public wants to be assured that a strong, transparent process is in place that upholds the public interest and the highest environmental, safety and resource-use standards.

The Ministry of Environment and Climate Change Strategy is conducting a review of BC’s professional reliance model. Announced last fall, the review includes a public engagement process, a legislative review, a review of best practices in other jurisdictions, and targeted consultations with stakeholders and Indigenous groups.

Many British Columbians are wondering if more could have been done to pre-empt the situations they’ve faced recently—the contaminated soil landfill at Shawnigan Lake and the Huilac Aquifer contamination are two examples. Managing forests for watershed and ecosystem protection is another. These areas where government has asked qualified professionals (QPs) to contribute sound science and expert opinion, and at times, make regulatory decisions.

British Columbians should be assured that a strong, transparent process is in place that upholds the public interest and high environmental standards. The Province’s aim is to ensure that roles, responsibilities and expectations of QPs are clear, and the public can see that various decisions made on their behalf put the public’s interest first. This clarity will help improve public trust in the professional reliance model.

Feedback collected from citizens, stakeholders, qualified professionals and users of qualified professionals are being considered in the review. Public engagement began December 1, 2017 and closed January 19, 2018. The targeted stakeholder engagement launched at the same time and continued to the end of February.

We have received over 2,200 feedback forms from the public, over 1,800 surveys of qualified professionals and 102 stakeholder submissions, including a submission from ASTTBC. Currently, approximately 36 natural resource sector regulatory regimes rely on qualified professionals. Besides technicians and technologists, these include biologists, foresters, agronomists, engineers and geoscientists.

While an analysis of all the submissions hasn’t been completed, most people who have made their views known agree QPs are doing their work professionally and with the best of intentions. This review is about ensuring good decision making and proper oversight for the public interest.

Government is of course committed to ensuring Indigenous Peoples’ concerns and interests are represented in this review, and an invitation has been sent to every nation in the province to share their experience of professional reliance in natural resource decisions in their traditional territories.

I thank every qualified professional, whether private sector or government, academic or consultant in private sector, taught at several Canadian universities and served twenty years as a work force consultant, Mr. Bruce currently acts as an advisor to the BC Premier’s LNG Working Group that is tasked with ensuring the trades, techni- cians, management and engineering workforce are available to support the emerging BC LNG industry.

Dr. Roslyn Kunin, PhD

In her career, Roslyn has worked in the private sector, taught at several Canadian universities and served twenty years as the Regional Economist for the federal government in BC and Yukon. Dr. Kunin is Chair of the Board of Directors of the Haida Enterprise Corporation and has been a Director of the Business Development Bank of Canada, Chair of the Workers’ Compensation Board of British Columbia and a member of the National Statistics Council. She has served as the Chair of the Vancouver Stock Exchange, as Governor of the University of British Columbia, as Chair of the Vancouver Crisis Centre, and as Vice President of the YWCA.
Honorary Member Dan Lambert Turns 100!

Dan Lambert, P.Eng (retired), first encountered ASTTBC when he was the Managing Director of APEGBC. Dan was instrumental in developing a great relationship between the organizations that has spanned well beyond his retirement.

Scott Tilley, AsST, Dubbed ‘Space Sleuth’ After NASA Find

Provincial and national media was all 'a buzz' this spring as Scott Tilley, AsST, a 47-year-old electrical technologist and amateur astronomer made a discovery that gained the attention of NASA. A signal led him to discover a satellite called IMAGE or 'Imager for Magnetopause-to-Aurora Global Exploration'. NASA launched the science probe in 2005 and the mission was abandoned in 2007.

Minister Melanie Mark Engages in Tech Pros Mission

ASTTBC has developed strong working relations with the Honourable Melanie Mark, Minister of Advance Education, Skills and Training, and the Minister Responsible for the ASTT Act. ASTTBC has met with Minister Mark on several occasions including... in the BC Legislature for the 2018 Technology Skills Appreciation Week Proclamation, a meeting at the ASTTBC office and at the East Vancouver Community Science Celebration.

Minister of Education Rob Fleming Talks Technology Careers

The Honourable Rob Fleming, Minister of Education, hosted a group from ASTTBC, Skills Canada BC and the Technology Education & Careers Council (TECC) to talk about the importance of technology education and careers. The primary focus was how to better engage youth in science, technology engineering and math (STEM) subjects, and provide a solid insight to potential STEM careers in the high school systems.

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Minister Mike Farnworth and MLA Jennifer Rice Share ASTTBC’s Interest in Fire Safety

The Honourable Mike Farnworth, Minister of Public Safety and Solicitor General, and MLA Jennifer Rice, Parliamentary Secretary for Emergency Preparedness, met to discuss ASTTBC’s role in public safety, notably with the Technical Specialist certifications in fire protection, and house and property inspection. ASTTBC reported that there are about 950 Registered Fire Protection Technicians and 23 municipalities with a Bylaw requiring ASTTBC certification.

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ASTTBC ANNUAL REPORT FOR 2017

VISION
ASTTBC is the model association for technology professionals.

MISSION
To serve the public by regulating and supporting technology professionals’ commitment to a safe, healthy and sustainable society and environment.

Message from the President & Chief Executive Officer

2017 saw the Minister of Environment launch a full review of Professional Reliance. This is the first of its kind in decades and a welcomed opportunity for the BC Government, professional associations and many other stakeholders to engage on the question of professional reliance. ASTTBC offered information in response to the review and these were posted on the government website. ASTTBC was audited by a government team, and productive meetings were convened with Ministry staff and the four other natural resource professions. These meetings enhanced connectivity and increase government awareness of ASTTBC professional regulatory activities.

2017 continued the pursuit of Qualified Professional recognition in several areas. Work commenced on a proposal for changes to professional legislation, notably the ASTT Act, with a priority to addressing P-Tech implementation. Changes to the ASTT Act covering administrative matters will be submitted to the BC Ministry Responsible for the ASTT Act.

2017 witnessed the agreement of Technology Accreditation Certification (TAC) and Canadian Council of Technicians and Technologists (CCTT) to work collaboratively to develop one set of national educational standards for Canada’s engineering technology and applied science professions. ASTTBC and other member associations of Technology Professionals Canada collaborated to seek appropriate recognition for certified technologists and technicians with federal procurements.

2017 saw the recent Electrical Worker Practitioner Appeal Court decision upholding ASTTBC members’ right to apply for a Technical Safety BC license as a significant QP achievement. ASTTBC has won the right to create, support and operate training programs, and has the right to issue a certificate for members who would then apply to Technical Safety BC (TSBC) for a license to offer electrical services in narrow areas defined in the ASTTBC – TSBC agreement.

2017 saw ASTTBC appointed to the BC Government’s Energy Step Code Council. This council was established by the BC Government to support the successful implementation of the BC Energy Step Code and the market transition to net-zero energy ready buildings. The Building and Safety Standards Branch oversees this activity and serves as Secretariat for the Council. This significant appointment includes Council informing future changes to the technical content of the regulation or how it is implemented.

2017 initiated work on an Employer Liaison Program to enhance employer recognition of the value of technologists and technicians as an important part of their professional team. This initiative is designed to support both the skill-seeking employer and the job-seeking member with the Onsite ASTTBC Certification Program, upcoming Employer Profile website and ongoing employer education on the value of ASTTBC certification.

2017 saw ASTTBC continue to build and strengthen relationships with members, industry associations and stakeholders in and around BC. Having participated in over 120 activities in 2017 and using technology to reach our members, the success of ASTTBC’s reach is evident as seen in the over-capacity registrations of recent webinars and ASTTBC events, notable the AGM (240) and Technology Awards & Recognition Celebration (400), the significant increase in TechJOB postings, the success of the digital communications strategy and a banner year for ASTTBC Foundation donations.

On behalf of the ASTTBC Council and staff, we thank all members, partners, governments, volunteers and regulatory bodies for your support and assistance as ASTTBC continues to serve provincially and nationally as the 9th largest professional regulatory body in BC.
Highlights of ASTTBC Accomplishments in 2017

Goal #1 — Professional Legislation & Regulation

Professional Reliance Review

ASTTBC partnered with four natural resource industry associations to develop a common approach with the Provincial Government on reviewing the role of professional associations as it pertains to professional reliance. The Professional Reliance Review will support the scope of possibilities for ASTTBC to secure added QP recognition.

ASTT BC Act Changes

In 2017, ASTTBC began preparing a proposal requesting Government to change the ASTT Act, in relation to practice, regulatory and governance issues. Full rights to independent practice is the goal of this proposal, as well as implementation of the Professional Technologist certification. The proposed changes to current legislation will fully recognize and enable the PTech to practice within established standards and codes and approved Practice Guides (Phase II.)

Goal #2 – Rights to Practice

ASTTBC – APEGEBC Joint Board

The Joint Board convened in the Fall of 2017, largely to share areas of common interest. An ASTTBC Council member attended each EGCBC Council meeting in 2017 to serve the public interest and enhance relations. It was determined that the PTech to EngL registration pathway showed little advantage, as a PTech who has completed the NPFE will have met this requirement.

Practice Guidelines Update

A review and approval of ASTTBC Practice Guidelines was signaled as a priority for in 2017. Mineral Exploration/Mining, Environmental Technology and Civil Infrastructure Highway - Asphalt were developed. Three more practice guides are under preliminary development for 2018, with member and stakeholder engagement as the next steps.

Goal #3 — Professional Standards & Regulation

Portability of Professional Titles

Technology Accreditation Canada (TAC) and the Canadian Council of Technicians and Technologists (CCTT) have reached an agreement to work collaboratively to develop one set of national educational standards for Canada’s engineering technology and applied science profession. Unified National Education Standards will eliminate confusion and allow for greater portability of credentials between provinces. This benefits ASTTBC members and the members of similar associations across the country. This also benefits public interest by creating a more rigorous quality assurance process. Over the next 5 years, the standards will be reviewed and refined, under the guidance of CSA Group, to better reflect the profession of today.

Goal #4 — Professional Recognition

ASTTBC staff began development of an Employer Liaison Program to more fully engage employers. Services such as TechJOBS is being updated and upgraded, and a new TechEMPLOYER program is set to be launched in early 2018. ASTTBC has begun marketing group onsite registration for staff members of an organization who meet the requirements for certification and encouraging employers to support membership dues.


ASTTBC marketing and communications plan continued to promote professional regulation and membership through media advertising, event sponsorship, community outreach, stakeholder relations and government liaison.

above: Trent Reid, CTech, (1) stepped into the role of ASTTBC President with Keith Trouenon, ASTT EngL, passing the gavel to complete his 2015 – 2017 term.

right: Senior officials from Servicio Nacional de Aprendizaje (SENA) in Bogota, Colombia and representatives from NorthWest Community College visited ASTTBC to gain a better understanding of how applied science and engineering technology education, certification and registration is regulated in BC.

(See company profile page 10 for more details.)
Goal #5 – Member Services

In 2017, ASTTBC continued to build and strengthen provincial member engagement and community outreach programs. The CPD listing and TechCLUB Member Benefits Program offering both increased by 15% to expand on value-added products and services. The ASTTBC digital communication methods (e-newsletter and social media accounts) are generating a response that is higher than industry standards. An analysis system to measure and report on digital communications was introduced and is guiding future activity. The Member Compensation Survey was conducted to share valuable labour market data for both members and employers. This survey is published every two years so that ASTTBC members and their employers may have the opportunity of comparing job responsibility, experience and other factors with the salary ranges reported by the Association.

Goal #6 – Technology Careers & Education

ASTTBC partnered with Science World BC to deliver a two-pronged community outreach and schools STEM education initiative across the province. Five Community Science Celebrations took place throughout the province, in Kamloops, Prince George, Port St. John, Port Alberni and East Vancouver. ASTTBC produced a video highlighting the Construction Safety Officer program. This video will continue to be utilized in ASTTBC’s marketing efforts to promote career opportunities in the Construction Safety field.

ASTTBC celebrated National Engineering & Geoscience Month in March and Technology Skills Appreciation Week March 12th – 16th, using these opportunities to promote the infrastructure projects, skills training for indigenous people and contribution that the technology workforce makes in BC.

Month in March and Technology Skills Appreciation Week

ASTTBC has been leading efforts to signal an alarm bell on the engagement and community outreach.

ASTTBC participated with contests, event sponsorships, member engagement and community outreach.

ASTTBC has been leading efforts to signal an alarm bell on the technical skills shortage in BC and was validated by the BC Government announcing funding for technology education, infrastructure projects, skills training for indigenous people and support for newcomers in the 2018 Budget.

Stepping Up to Protect Public Safety

ASTTBC certifies and registers Fire Protection Technicians (RFTP) to ensure those who inspect, test and maintain fire protection equipment and systems are competent and can be held professionally accountable.

ASTTBC works with Municipal Councils, Fire Chiefs and Fire Prevention Officers to promote public safety. ASTTBC certification and registration provides professional assurance for those inspecting, testing and maintaining fire protection equipment in BC.

John Leech, ASci, CAE
Chief Executive Officer, ASTTBC

For more info:
Applied Science Technologists & Technicians of British Columbia
10767 – 148th Street, Surrey, BC V3R 0S4
1604.585.2788 / 1604.585.2790
technet@asttbc.org

www.ASTTBC.org

CHECK the fire protection equipment in your building. Make sure it has an ASTTBC Technician’s tag.

CANADA 150

top left: ASTTBC Canada 150 Poster Contest Grand Prize Winner, Jack (John) Nelligan, ASci, submitted this amazing photo from 1941, when Boeing Aircraft of Canada built a new plant on San Island for the production of the Consolidated Catalina amphibious flying boat.

bottom left: ASTTBC sponsors several student events to support technology education and careers, such as the Camosun College Mechanical Engineering Technology Student Project Showcase.

far left: In partnership with Science World BC, ASTTBC took part in five Community Science Celebrations throughout the province. ASTTBC member volunteers participated as Technology Ambassadors, spreading enthusiasm about STEM into the broader community.

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1.87.PRESTIGE

Check them out!
Foundation Financial Highlights

The ASTTBC Foundation is the charitable foundation of ASTTBC. Tax deductible donations from ASTTBC members and others allow the Foundation to provide student bursaries and events. 

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<td>$3,521,518</td>
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</tbody>
</table>

2017 Revenue & Expenses

ASTTBC continued to meet its obligations under the ASTT Act and provided valuable service to the public and provided valuable services to the public and members. This was accomplished with a modest operating deficit of $19,238 plus expenditures of $66,781 from reserves for a total deficit of $86,019. A special one-time expense of $250,000 will be paid over 5 years commencing fiscal 2019. The audited financial statements will be posted before the AGM. The Association remains in a healthy financial position.

For a full audited statement, visit www.ASTTBC.org.

Major Gift to ASTTBC Foundation Endows the ASTTBC Emcon Services Bursary

In 2017, ASTTBC Foundation Board Trustee Frank Rizzardo, ASTC, CISC, President and General Manager of Emcon Services, committed a leadership gift to the ASTTBC Foundation. A donation of $50,000 by Emcon Services has established an endowed fund to provide an annual technology student bursary at Okanagan College.

"There is a need for employers to support the work of the ASTTBC Foundation," said Frank. "Emcon Services has benefited over the past 30 years by hiring graduates of BC institutions that provide approved technology professional programs. It’s only right that we assist the students that will help us to be successful in the future."

"The ASTTBC Foundation is grateful for this generous donation, and for Frank’s expertise and services on the Foundation Board," said ASTTBC Past President and Foundation Chair Dan Mooney, ASTC, CPTW 1. "With Frank’s leadership, we will have even more BC employers. The ASTTBC Foundation offers matching funds, up to the annual cap per fund, for donations made to donor-named funds."
Technology Awards & Recognition Celebration
Industry Leaders Came Out to Celebrate in Unprecedented Numbers

T
HIS PAST NOVEMBER, ASTTBC hosted over 400 guests at the 29th Annual Technology Awards & Recognition Celebration. The gala provided an opportunity for ASTTBC to recognize Technology Professionals in BC who have demonstrated extraordinary achievements in their respective fields, and gave the Association a platform to say thank-you to the numerous volunteers and partners who are fundamental to its growth and development.

A highlight of this year’s celebration was the surprise Life Membership award presented to the retiring ASTTBC CEO, John Leech. Association members and staff assisted in creating a video capturing John’s 44-year career span with ASTTBC. His legacy will provide the impetus for the success of the Association in the coming years.

Special guests included an unprecedented number of provincial and federal government representatives, professional technology associations from across the country and numerous other stakeholder organizations from around the province. This year the Association proudly welcomed greetings from several government officials including Dan Ruimy, MP; John Horgan, Premier; Honourable Bruce Ralston, Minister of Jobs, Trade and Technology, MLA; Honourable Melanie Mark, Minister of Advanced Education, Skills and Training, MLA; and Marvin Hunt, MLA.

Every year, the ASTTBC Foundation Silent Auction raises funds to provide bursaries and awards for technology students, and supports science and technology education and awareness throughout British Columbia. This year, donors and bidders raised nearly $12,000—a new record! A special mention goes out to the BC Road Builders and the technology professional associations from Alberta, Manitoba and Ontario who chimed in during the ceremony to contribute $1,500 each to the Foundation. With this generous support from the professional community, the ASTTBC Foundation is helping the youth of today become the techs of tomorrow.

Connections made! Kerry Jochum, CEO, Human Capital Strategies; Kathy Kimbush, President, BCIT; Kelly Pollock, Partners, Human Capital Strategies; Gary Herman, CEO, Industry Training Authority; and Rita Herman.

THANKS FOR HELPING US CELEBRATE!

Congratulations to our TARC 2017 Award Recipients!
These technology professionals and their organizations have contributed to the growth and development of our economy, our environment and our communities.

Honorary Membership
• Allan Bruce
• Roslyn Kunin, PhD
• Allan Russell, PEng

Advanced Technology Award
• Reginald Mueller, AsCT

Employee Award for the Enhancement of Career Success of Technology Professionals
• Allnorth Consultants Ltd.

Life Membership
• John Leech, AsCT, CAE
• Keith Tushon, AsCT, EngL

Professional Achievement Award
• Don Freschi, AsCT
• Mark McDonald, AsCT
• Robert Parkinson, CTech

Professional Leadership Award for Women in Technology
• Sasha Bird, AsCT
• Dawn McGrath, AsCT, ROWP

TechGREEN Award
• Bullfrog Power

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A Letter from Retiring CEO John Leech

HOW DOES ONE ACCOUNT for 44 years of one’s life… of one’s career? What does a person say? No doubt whatsoever that it has been an incredible journey… an awesome experience… an honour to have been given the opportunity to serve! The four decades have been packed full of super interesting people, a bounty of opportunities and initiatives that strive to better society and careers.

In 1973 the Council of the day led by then President Doug Duncan, AsCT, took a big risk by approving a major increase in dues and a willingness to co-sign a loan, if needed, to engage the first full-time Registrar. I am so thankful and incredibly grateful that the Council selected ME!

Much has been achieved in this timeframe… I have served the Association, the members and the people of British Columbia. The volunteer and staff teams that pulled it all together over the 44 years really made it all possible. A few major developments are of note, but in drawing attention to these few, I do not for a moment diminish the small and steady steps made in growing the professional recognition of ASTTBC members and the many services we provided to be of service to others. I believe you will agree the following all helped move us forward:

• ASTT Act
• ASTTBC Foundation
• Purchase of the ASTTBC building
• Qualified Professional recognition
• Inclusion of Technical Specialists
• Leadership in promoting STEM and support for many groups
• Assistance for Internationally Trained Technology Professionals
• Partnership with Aboriginal Peoples through the First Nations Careers Council
• BC Women in Technology to enhance engagement in tech careers
• Relationships… relationships… relationships…

I thank you… the members, leaders of other professional, technical and trade associations, government elected officials and staff, colleagues in regulatory bodies, and so many more. I value the relationship with volunteer leaders who became colleagues and then life-long friends. Huge to you all.

To my family, there are few words that I can use to describe the level of love, support and, yes, sacrifices that have been with me every step of the way. I thank you for everything and send you a heartfelt apology for the added stress and sometimes challenging times. Double hugs!

To my children, my beautiful children, my amazing children, my only children. For your sacrifices of your childhood, your innocence, your opportunities and the knowledge that we were a family of four. I thank you all for your part in this journey. You are my treasure… my golden children… my life! Double hugs to you all.

To my friends and colleagues in the Association... in our community… and around the world. I will always remember the people that I have met… the people that I have called friends… the people that I have worked with… the people that I have met in the course of my career. The journey has connected me to wonderful people, people who have become colleagues, people who have become friends, people who have become lifelong friends. Hugs to you all.

With heartfelt gratitude,

John Leech, AsCT, CAE

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TechPROfile

Lee Marcotte, RFPT

Lee Marcotte, RFPT, is a Fire Alarm Technician working for Troy Life & Fire Safety in Kelowna. Lee began her fire safety professional career in Toronto, moving to the Okanagan Valley in 2009. To stay current in her field while on an extended maternity leave, Lee took courses with the Justice Institute of BC and volunteered at the Kelowna Fire Museum. When Lee’s daughters began attending school, she went back to work full-time as a Fire Alarm Helper with Mircom. This role inspired Lee on a path for a new career and she was hired for a position with Troy Life & Fire Safety.

Lee works with a team at Troy that covers the entire Interior and parts of Northern BC. She attributes her success to the workplace culture at Troy. Troy has created a strong team of technicians supporting and celebrating each other’s growth and development, while prioritizing the health and safety of its employees and the public at all stages of operation.

Why I Became a Technology Professional?

“I love the diversity that this role provides while conducting inspections. It is my pleasure and honour to assist in the safety of people’s lives, homes and environments. Many of my inspections take place in buildings housing students, the elderly and families with special needs. I’m passionate about educating them in fire and safety, and feel that everyone deserves to be educated— from conversations about testing smoke alarms to muster points. I take great pride in my 18 years in fire prevention and education. I am grateful for nomination to be recognized as a TechPRO and the supportive relationship with the Kelowna Fire Department and my employer, Troy Life & Fire Safety.”

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FOCUS 2020: Practice & Accountability

ASTTBC Technical Specialists Update

Construction Safety Officer

Membership continues to grow and remains strong. CPD continues as a major focus for members. Partnerships with BCIT and CLAC have allowed ASTTBC to facilitate a series of four CSO and RUET specific CPD events for 2018. All will be webcast, with the option of attending in person. The Certification Board has been hard at work on a five-year review of the certification policy with the aim of closer alignment to the needs of industry and public needs.

Fire Protection

In January 2018, ASTTBC continued the government-funded six-week Fire Protection Technician Training Program. The training content covered endorsements such as: portable fire extinguisher, water-based fire protection systems and an introduction to special fire suppression systems. In addition to Fire Protection Technician training, the 25 students participated in the Cross-Connection Control (Back Flow) Certification Course. This additional training was included based on industry needs to help the students be job-ready upon completion of the program. Many of program graduates are seeking employment. Please contact knustmid@asttbc.org if your company is looking for Fire Protection Technician trainees.

House & Property Inspection

The provincial government is reviewing the home inspector licensing model and looking to possible changes in professional certification and licensing. The CEO met the Minister and pitched a change to the current model to bring it into alignment with a more typical professional regulatory model.

A full day of professional education is planned for May 24 (the day before the ASTTBC AGM). Topics will include video scanning of perimeter drainage systems, mold remediation, basic asbestos training, developments in home owner insurance, basics of strata depreciation reporting, etc. All sessions will be offered in cooperation with ASTTBC who are interested these topics are invited to attend. For details and registration information see the ASTTBC Events webpage.

The new version of the House and Property Inspection website has been activated and now follows the generally accepted format used throughout the ASTTBC websites.

Onsite Wastewater

ASTTBC has continued to spend significant time and resources on supporting ROWP applicants. Practice Assessment Reviews are being actively administered with a well-developed approach to support ASTTBC-approved Quality Assurance Specialists.

ASTTBC is providing technical assistance to Authorities Having Jurisdiction such as Regional Districts, Municipalities and various government agencies. We also respond to numerous presentations to government bodies relating to the role and responsibilities of ASTTBC who are interested these topics are invited to attend. For details and registration information see the ASTTBC Events webpage.

Underground Utility Locator

Much effort has been given to spreading the news about this unique certification. Bruce Stevens, ASC, has made numerous presentations to government and industry groups, including: cities of Kelowna, Surrey, Burnaby, Langley, Coquitlam and Metro Vancouver; major contractors Leduc and Matcon Civil, as well as Fortis Gas and the BC Public Works Association. The RUET website is now fully functional.

ASTTBC: Professional Compliance Services the Public Interest

ASTTBC FULFILLS ITS MISSION to serve the public by regulating and supporting Technology Professionals’ commitment to a safe, healthy and sustainable society and environment in part via the Practice Review Board (PRB) and the Accreditation Board (AB). The PRB contributes to achieving the Association’s statutory objective in the regulation of all matters relating to monitoring the practice of the PRB members including competency, moral character and professional conduct. To that end, the PRB evaluates and endorses standards. The AB oversees the quality and relevance of education and training needs of the technologists, technicians and technical specialists.

The PRB fulfills its purpose in three ways:

1) Practice Assessment Review (PAR): a PAR may be initiated when: a) An ASTTBC member voluntarily requests a review of his or her practice; b) A Member is identified by the PRB through random selection, c) ASTTBC has reason to believe in respect of a specific member that either the member or the public would benefit, or d) A complaint has been laid against a member.

2) Handling Complaints: Under the Regulations, the PRB is responsible for handling of complaints, including but not limited to the filing, investigation and disposition of a complaint, the issuing of formal charges (if any) to be adjudicated by a discipline committee, penalties, reporting of the judgement and an appeal process.

3) Monitoring Continuing Professional Development: In our ever-evolving workplace environment, the public expects that technologists, technicians and technical specialists keep informed of the latest developments related to the services they provide, whether they be technological, regulatory or otherwise. Public expectations are supported in the first principle of the ASTTBC Code of Ethics, that all members hold paramount the safety, health and welfare of the public, the protection of the environment, and the promotion of health and safety within the workplace. To uphold these membership principles, ASTTBC members are required to maintain proficiency and competence, and to advance their knowledge within their discipline by participating in various lifelong learning or continuing professional development (CPD) activities.

The Accreditation Board Policy Implementation is a collaborative effort between the AB, the Board of Examiners (BoE) and ASTTBC Technical Specialist Certification Boards. A trustworthy accreditation process promotes frequent updating of program content and instructional methods to meet the needs of technological change, while providing education and training providers freedom to select the most appropriate and effective way of aligning program learning outcomes with the competency standards that employers require. Accreditation by ASTTBC or an ASTTBC designated agency, such as ASTTBC Technology Accreditations Canada, is designed to support education and training providers in meeting the legitimate needs of employers, the genuine career aspirations of British Columbians and to fulfill the requirements of the ASTT Act “…to regulate the standards of training and practice of and for its members and to protect the interests of the public.”

SHIFT TO ELECTRONIC AUTHENTICATION

A LTHOUGH ink and paper have been the classical method of authenticating official documents for centuries, the advent of electronic files presents a digital conundrum. How can we digitally seal a document with the same level of trust as its paper equivalent? The use of technology also raises concerns relating to the integrity of these documents. How to establish an irrefutable link between a digital document and its author? How to make sure the documents have not been modified afterwards? As documents are transmitted electronically to third parties such as government agencies, municipalities and customers, both the signer and the recipient may have doubts about the possible alterations made to the document after it has been transmitted. All valid concerns in a world where cyber identity theft is quite common.

ASTTBC has chosen to answer this challenge by teaming up with Notarius to issue highly reliable digital signatures to members looking for an alternative to ink and paper. This new service allows ASTTBC to securely control the issuance and revocation of its members digital signature. For members, it ensures that they have access to a government grade digital signature service that is based on the best available cyber security practices in place today. For many, use of the digital signature may seem anachronistic, but in fact, using a digital signature is equivalent to using your PIN on your debit card and can sign documents in a few clicks. The result is a secure electronic file that is perfectly adapted to our new digital economy.
2017 Member Compensation Survey

THIS SURVEY is published so that members of the Applied Science Technologists & Technicians of British Columbia and their employers may have the opportunity of comparing job responsibility, experience and other factors with the salary ranges reported by the Association. The Member Compensation Survey is a valuable aid for reviewing employee remuneration. The Member Compensation Survey has been published every second year by the Association since 1977, with survey results posted online.

Median Salary Reported

Technology/Technician – all categories of registration

<table>
<thead>
<tr>
<th>Level of Classification</th>
<th>ASL</th>
<th>Tech</th>
<th>Plush</th>
<th>RIT</th>
<th>Graduate Associate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Salary</td>
<td>17,418</td>
<td>57,081</td>
<td>58,748</td>
<td>59,255</td>
<td>59,505</td>
</tr>
</tbody>
</table>

Technical Specialist – certified level only

<table>
<thead>
<tr>
<th>Level of Classification</th>
<th>CSD</th>
<th>RFTT</th>
<th>CH/CP</th>
<th>ROPM</th>
<th>RSCD</th>
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</thead>
<tbody>
<tr>
<td>Monthly Salary</td>
<td>16,042</td>
<td>15,779</td>
<td>15,917</td>
<td>15,412</td>
<td>15,750</td>
</tr>
</tbody>
</table>

Note: Insufficient responses for Building Design, Site Improvements, Steel Detailing.

Monthly Salary by Responsibility Level (Median)

| ENTRY LEVEL | 5,473 |
| INTERMEDIATE | 5,500 |
| JUNIOR INTERMEDIATE | 5,402 |
| SUPERVISOR/SUPERVISOR ASSISTANT | 5,742 |
| ASSISTANT MANAGER | 6,603 |
| PENTRU | 17,135 |
| SENIOR MANAGER | 7,580 |
| EXECUTIVE | 9,308 |

ASTTBC Member Does Pay by Employer

<table>
<thead>
<tr>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
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<tbody>
<tr>
<td>$100,000</td>
<td>63%</td>
<td>68%</td>
<td>71%</td>
<td>68%</td>
</tr>
<tr>
<td>$75,000</td>
<td>58%</td>
<td>64%</td>
<td>64%</td>
<td>66%</td>
</tr>
</tbody>
</table>

Monthly Salary by Geographic Location (Median)

| NORTHWEST | 16,000 |
| CENTRAL | 15,767 |
| DISANTW | 14,782 |
| KENT | 14,997 |
| VANC | 16,322 |
| METRO VANCOUVER | 16,833 |

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ASTTBC Connect

ISSUE 142 • JANUARY–JUNE 2018
ASTTBC CONNECT® published by the Applied Science Technologists & Technicians of British Columbia.

PUBLISHER’S INFORMATION

Editor: Richelle Kelly (editor@asttbc.org)
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INCE 1910, McElhanney has hired hundreds of technologists and technicians who work across Western Canada and around the world. They represent critical McElhanney team members on site at Port Mann Highway 1 project.

INCOME PROFILES

McElhanney Consulting Services Ltd.

At McElhanney, the technical staff follow several different technical programs such as geomatics and GIS, environmental, planning, landscape architecture, civil engineering, materials testing and IT.

“What sets ASTTBC registered applicants apart from those not registered is that any ASTTBC designation allows both McElhanney and our clients to be confident that staff have achieved the minimum competency and experience level, and have a commitment to continuous professional development,” commented Allan Russell, PEng, CEO & President, McElhanney Consulting Services Ltd. “In addition, staff receiving their Professional Technologist designation have proven to be a senior level technologist with increasing overall product delivery and management responsibility. We are all very proud of the contribution these individuals have made at McElhanney.”

At McElhanney, the technical staff follow several different career paths that lead to becoming a recognized technical expert, a senior project manager, a key client manager or an operations manager. Many current senior staff are graduates of technical college and members of ASTTBC. McElhanney employs approximately 55 ASTTBC-certified technologists and technicians.