

## **REGISTRAR'S REPORT TO COUNCIL**

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**September 28, 2017**

This report summarizes key events and issues related to the Registrar's duties for the period June 1, 2017 to September 18, 2017.

### **Board of Examiners (BoE)**

The overall number of ASCT and CTech members<sup>1</sup> as of September 18, 2017 was 7,982 representing a decrease of 67 members or 0.8% over the past year. During the same period, the number of technical specialists declined by 65 or 3.2%. The total number of individual members has decreased 1.2% to 9,726. Further detail on registrations by discipline or technical specialty is provided in Appendix 1. The number of registrants reported in September is lower than the January and the May reporting periods primarily due to the annual cancellation of membership for non-payment of dues. Over the past 6 years the average number of cancellations annually for non-payment of dues is 595 (8.2%) Technician and Technologist registrants and 187 (8.6%) Technical Specialist registrants for a total of 782 (8.3%).

In June 2017, the BoE approved revisions in the BoE Certification Policy. Substantive changes include changing from National Technology Benchmarks (NTB) to Canadian Technology Accreditation Criteria (CTAC) as the standards used for certification of Technologists and Technicians. The BoE continues to refine three of the appendices to the Policy before submitting the complete document to Council for approval.

### **Technology Accreditation Canada (TAC)**

TAC has contracted Canadian Standards Association (CSA) to coordinate a review and revision the Canadian Technology Accreditation Criteria (CTAC) used as the learning outcome standard for purposes of accrediting post-secondary education programs in 18 applied science and engineering technology disciplines. The five-year project to revise the standards will involve groups of subject matter experts from industry and from education to form discipline-specific Standards Development Committees. A Standards Development Steering Committee consisting of representatives from Technology Professionals Canada (TPC) provinces and limited representation from Canadian Council of Technicians and Technologists (CCTT) is also being formed.

In August 2017, CSA issued a request for subject matter experts in electrical and electronics disciplines to provide input on the standards. The Technologist and Technician CTAC standards for these two disciplines are the first to be reviewed and revised.

### **Technology Registrations Canada (TRC)**

The Certified Technicians and Technologists Association Manitoba (CTTAM) is now using the TRC online self-assessment and application processing software. A management agreement that includes cost sharing for the ongoing operating and maintenance of the software has been agreed and awaits formal signing by CTTAM. Other provinces proposing to sign the agreement to use TRC are Nova Scotia, Prince Edward Island, Newfoundland and New Brunswick. Quebec and Saskatchewan have indicated their interest in using the software but have not yet presented the agreement to their respective councils.

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<sup>1</sup> This number includes students, graduates, associates and honorary members.

### **Practice Review Board (PRB)**

The PRB met on June 15 and September 7, 2017 to process complaints and review recurring issues and concerns regarding consistency of ASTTBC procedures, policies and regulations. PRB prepared a report to Council expressing their concerns and seeking direction from Council on several issues.

### **Fire Protection Certification Board (FPCB)**

The FPCB approved the revised Registered Fire Protection Technician (RFPT) Standards of Practice (SoP) for RFPTs certified in one or more of the 11 endorsements including commercial kitchen exhaust cleaning, pre-engineered and custom engineered fire suppression systems and verification of fire alarm systems. ASTTBC Legal Counsel is reviewing the SoP prior to submitting them the Practice Review Board and then to Council.

### **Professional Technologist Certification Board (PTechCB)**

The PTechCB met in June 2017 to resume processing of PTech applications. The first consideration are the 22 PTech applications submitted before the certification process was suspended. The applicants were advised of the changes to the PTech policy and asked to confirm if they wanted to continue with certification or receive a full refund of their application fee. The vast majority of applicants decided to continue the certification process. The PTechCB submitted a report to Council encouraging continued efforts to develop practice guides and securing independent rights to practice.

### **Electrical Work Practitioner Certification Board (EWPCB)**

In 2011, ASTTBC began developing standards of certification for the Electrical Work Practitioner (EWP) designation that would make the holder eligible to apply to the BC Safety Authority (BCSA) for the licence necessary to perform limited electrical work within specifically defined scope of practice. In November 2013, the Provincial Council of the International brotherhood of Electrical Workers (IBEW) initiated legal action against both the BCSA and the ASTTBC claiming that ASTTBC was restricted to only two categories of membership, had no legislative authority to create other categories, and generally was not authorized to offer certificates and/or operate programs of training or, develop new programs of training which could be recognized by others. In March 2016, the Supreme Court judicial review agreed with the IBEW.

ASTTBC and BCSA disagreed with the judgment and submitted an appeal. The BC Court of Appeal heard the appeal on June 22, 2017. The Reasons for Judgment released on September 12, 2017 stated that the three judges of the BC Court of Appeal unanimously concluded that both the IBEW and Mr. Justice Funt of the Supreme Court were wrong. The Court of Appeal made it clear that ASTTBC was authorized by statute to certify different classes of membership and to “examine the qualifications of and experience requirements for applicants for enrollment in each class of membership.” The Appeal Court also found that the ASTTBC was authorized by law to “create, support, and operate educational programs for its members.”

**APPENDIX 1**

**REGISTERED MEMBERS BY DISCIPLINE OR TECHIAL SPECIALIST**

		2013	2014	2015	2016	2017	5 year Variance	1 year Variance
	Summary totals as of	Sept.	Sept.	Sept.	Sept.	Sept.	Sept. 2013 to	Sept. 2016 to
							Sept. 2017	Sept. 2017
<b>AScT and CTech Disciplines</b>								
1	Biological Sciences	237	208	203	232	279	17.7%	16.8%
2	Biomedical Engineering Tech.	79	84	76	101	93	17.7%	-8.6%
3	Building Technology	875	890	892	907	889	1.6%	-2.0%
4	Chemical	162	170	173	148	115	-29.0%	-28.7%
5	Civil	2,383	2,425	2,401	2,451	2,506	5.2%	2.2%
6	Electrical	597	631	611	714	788	32.0%	9.4%
7	Electronics	1,220	1,216	1,137	1,072	995	-18.4%	-7.7%
8	Environmental	208	210	223	244	244	17.3%	0.0%
9	Forest Engineering Technology	18	17	14	14	13	-27.8%	-7.7%
10	Petroleum	111	112	105	96	93	-16.2%	-3.2%
11	Geomatics	333	328	324	326	309	-7.2%	-5.5%
12	Industrial Technology	81	77	73	73	70	-13.6%	-4.3%
13	Informaiton Technology	97	119	89	70	52	-46.4%	-34.6%
14	Instrumentation	15	25	26	34	33	120.0%	-3.0%
15	Mechanical	1,404	1,489	1,403	1,321	1,263	-10.0%	-4.6%
16	Metallurgical	64	48	43	38	38	-40.6%	0.0%
17	Mineral Resources	91	104	106	126	118	29.7%	-6.8%
18	Marine Engineering Tech.	0	0	0	4	7	N/A	42.9%
	Honorary members	75	76	76	78	77	2.7%	-1.3%
	<b>Total AScT + CTech</b>	<b>8,050</b>	<b>8,229</b>	<b>7,975</b>	<b>8,049</b>	<b>7,982</b>	<b>-0.8%</b>	<b>-0.8%</b>
	Reg. Technology Manager	33	33	33	35	34	3.0%	-2.9%
	Professional Technologist	0	0	0	11	11	New	0.0%
<b>Technical Specialists</b>								
1	Construction Safety	247	314	330	351	325	31.6%	-8.0%
2	Fire Protection	797	803	814	838	863	8.3%	2.9%
3	House & Property Insp.	170	154	162	160	128	-24.7%	-25.0%
4	Onsite Wastewater	566	563	530	514	488	-13.8%	-5.3%
5	Public Works Inspector	86	88	90	93	92	7.0%	-1.1%
6	Steel Detailing	25	21	21	17	16	-36.0%	-6.3%
7	Building Design	73	69	71	70	67	-8.2%	-4.5%
8	Site Improvement Survey	22	22	22	22	21	-4.5%	-4.8%
9	Underground Utility Locator	0	0	0	3	4	N/A	25.0%
10	Electrical Work Practitioner	0	0	0	0	0	N/A	N/A
	<b>Total Tech . Specs.</b>	<b>1,986</b>	<b>2,034</b>	<b>2,040</b>	<b>2,068</b>	<b>2,004</b>	<b>0.9%</b>	<b>-3.2%</b>
<b>Dual Designation: AScT or CTech + Technical Specialization or RTMgr or PTech</b>								
1	Construction Safety	9	9	9	9	7	-22.2%	-28.6%
2	Fire Protection	21	17	16	18	17	-19.0%	-5.9%
3	House & Property Insp.	63	43	42	43	36	-42.9%	-19.4%
4	Onsite Wastewater	21	13	14	14	14	-33.3%	0.0%
5	Public Works Inspector	59	56	59	62	63	6.8%	1.6%
6	Steel Detailing	7	6	6	5	5	-28.6%	0.0%
7	Building Design	73	69	69	55	51	-30.1%	-7.8%
8	Site Improvement Survey	22	22	22	22	21	-4.5%	-4.8%
9	Underground Utility Locator	0	0	0	1	1	N/A	0.0%
10	Electrical Work Practitioner	0	0	0	0	0	N/A	N/A
11	Reg. Technology Manager	33	33	33	35	34	3.0%	-2.9%
12	Professional Technologist	0	0	0	11	11	N/A	0.0%
	<b>Sub-total</b>	<b>308</b>	<b>268</b>	<b>270</b>	<b>275</b>	<b>260</b>	<b>-15.6%</b>	<b>-8.0%</b>
<b>Grand Total Individual Members</b>		<b>9,728</b>	<b>9,995</b>	<b>9,745</b>	<b>9,842</b>	<b>9,726</b>	<b>0.0%</b>	<b>-1.2%</b>

Notes: 1) Includes AScT, CTech, Provisionals, Associates, GradTechs, Students and retired.  
2) Cancellation of membership for non-payment of dues occurs in August.  
3) Students in accredited technology programs are added to ASTTBC register in October.