

REGISTRAR'S REPORT TO COUNCIL

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This report is presented to Council for information purposes. The report summarizes registration, practice compliance and special project activities from June 1 to August 31, 2020.

Registration

As of August 31, 2020, the total number of individual registrants is 8,813. Technologists and technicians including students, graduates, associates and honorary registrants numbered 6,988. Professional Technologists (PTech), plus registered technical specialists totaled 2,135 of which 310 have multiple designations.

Compared to September 2019, the number of AScT and CTech registrations declined by 295 or 4.1 percent. Despite the overall reduction, there were modest increases in registrations for Chemical Engineering Technology, Environmental Technology and Mechanical Engineering Technology. The number of PTech registrants increased from 45 to 52 (15.6%). The number of registered technical specialists increased by 120 (6.2%) with the most significant increases being in Onsite Wastewater, Site Improvement Surveys and Fire Protection. Detailed registration data are provided in Appendix 1.

Directory of Registrants

The format of the ASTTBC directory of registrants or register accessible to the public at www.asttbc.org was modified in 2019 to accommodate changes introduced through the Professional Governance Act (PGA). In June 2020, a directive issued by the Office of the Superintendent of Professional Governance (OSPG) required further adjustments to the register.. The additional information to be included for each registrant includes the legal given name (in addition to the preferred name), a notation of any complaint history, notification of any discipline hearings underway and complaint summaries that include registrant names and the disposition of the complaint. Complaint case summaries for the past two years that include disclosure of the name of the respondent are now published on the website.

Continuing Professional Development

In August 2020, a quantitative audit of practising registrants was conducted to determine how many had reported continuing professional development (CPD) activities in the first 7 months of the year. The audit included all AScT, CTech, PTech, RTMgr registrants plus 7 technical specialist groups. The overall average percentage of registrants actively recording their CPD is 26.8 percent which is an increase of 5.4 percent compared to the same time last year. There was a wide range among the various classes and sub-classes of registrants with 98.1 percent of Professional Technologists (PTech) entering their CPD compared to Registered Utility Locator Technicians (RULT) at 10 percent. The data indicates improvement since last year but continued emphasis on the requirement to report CPD activity is needed. Future communication to registrants will include warnings of cancellation of registration if the required 20 CPD hours have not been achieved or not

recorded. The anticipated date of cancellation due to non-compliance with CPD requirements is January 2022. A series of notices will be sent to registrants that have not entered their CPD activity.

The following table provides summary details of the quantitative audit.

CPD Quantitative Audit Classification or sub-class	August 2019			August 2020		
	Total Registrants	CPD entered	% entered	Total Registrants	CPD entered	% entered
Applied Science Technologist (AScT)	4,050	716	17.7%	3,766	983	26.1%
Certified Technician (CTech)	1,003	140	14.0%	877	169	19.3%
Professional Technologist (PTech)	45	24	53.3%	52	51	98.1%
Technology Manager (RTMgr)	42	20	47.6%	39	20	51.3%
Fire Protection (RFPT)	908	101	11.1%	949	133	14.1%
Onsite Wastewater (ROWP)	450	188	41.8%	481	179	37.2%
Construction Safety (CSO / RCSO)	274	189	69.0%	302	134	44.4%
Property Inspection (CHI//CPI)	95	78	82.1%	99	86	86.9%
Public Works Inspection (PWI)	94	29	30.9%	98	35	35.7%
Building Design (CRD/RBD)	64	16	25.0%	66	17	25.8%
Utility Locator (RULT)	6	0	0	10	1	10.0%
Totals or Average	7,025	1,501	21.4%	6,739	1,808	26.8%

Accreditation Standards

Technology Accreditation Canada (TAC) is in the process of re-naming the Canadian Technology Accreditation Criteria that consists of general and discipline-specific learning outcomes for accrediting post-secondary education technologist and technician programs. The new name is Canadian Technology Standards.

In addition to the name change, various working groups have been revising the general and discipline-specific requirements for technologist and technician programs. In April 2020, public consultation on changing from 18 disciplines to 7 was completed. The final report integrating comments received during the public consultation has not been released.

Revised requirements for mathematics were prepared by a working group. A survey of technologists, technicians, educators and employers will be administered by the Portage Group to determine which topics in mathematics and statistics are essential. The survey will be available at the end of September.

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APPENDIX 1: Registration Data by Discipline and Technical Specialty

		2016	2017	2018	2019	2020	1 year Variance	5 year Variance
AScT and CTech Disciplines		Sept.	Sept.	Sept.	Sept.	Sept.	2019 to 2020	2016 to 2020
1	Biological Sciences	232	279	272	224	214	-4.5%	-7.8%
2	Biomedical Engineering Tech.	101	93	88	75	68	-9.3%	-32.7%
3	Building Technology	907	889	875	827	790	-4.5%	-12.9%
4	Chemical	148	115	107	92	104	13.0%	-29.7%
5	Civil	2,451	2,506	2,443	2,444	2,313	-5.4%	-5.6%
6	Electrical	714	788	802	755	700	-7.3%	-2.0%
7	Electronics	1,072	995	901	803	739	-8.0%	-31.1%
8	Environmental	244	244	253	270	272	0.7%	11.5%
9	Forest Engineering Technology	14	13	10	10	10	0.0%	-28.6%
10	Gas and Petroleum	96	93	81	73	69	-5.5%	-28.1%
11	Geomatics	326	309	290	267	262	-1.9%	-19.6%
12	Industrial Technology	73	70	70	63	56	-11.1%	-23.3%
13	Information Technology	70	52	43	39	36	-7.7%	-48.6%
14	Instrumentation	34	33	49	53	48	-9.4%	41.2%
15	Marine Systems Eng. Technology	4	7	13	16	15	-6.3%	275.0%
16	Mechanical	1,321	1,263	1,185	1,100	1,137	3.4%	-13.9%
17	Metallurgical	38	38	32	30	27	-10.0%	-28.9%
18	Mineral Resources	126	118	88	65	52	-20.0%	-58.7%
	Honorary members	78	77	78	77	76	-1.3%	-2.6%
	Total AScT + CTech	8,049	7,982	7,680	7,283	6,988	-4.1%	-13.2%
	Professional Technologist	11	11	33	45	52	15.6%	372.7%
	Reg. Technology Manager	35	34	39	42	39	-7.1%	11.4%
	Technical Specialists							
1	Building Design	70	67	64	65	66	1.5%	-5.7%
2	Construction Safety	351	325	318	274	302	10.2%	-14.0%
3	Fire Protection	838	863	901	908	949	4.5%	13.2%
4	House & Property Insp.	160	128	111	95	99	4.2%	-38.1%
5	Onsite Wastewater	514	488	482	450	481	6.9%	-6.4%
6	Public Works Inspector	93	92	86	94	98	4.3%	5.4%
7	Public Works Technician	0	0	0	1	3	200.0%	N/A
8	Site Improvement Survey	22	21	18	16	20	25.0%	-9.1%
9	Steel Detailing	17	16	16	15	16	6.7%	-5.9%
10	Underground Utility Locator	3	4	5	6	10	66.7%	233.3%
	Total Technical Specialists	2,068	2,004	2,001	1,924	2,044	6.2%	-1.2%
	Total PTech + RTMgr + Tech. Specs.	2,114	2,049	2,073	2,011	2,135	6.2%	1.0%
	Multi Designation: AScT or CTech + Tech. Specialization or RTMgr or PTech							
1	Building Design	55	51	64	64	62	-3.1%	12.7%
2	Construction Safety	9	7	8	8	8	0.0%	-11.1%
3	Fire Protection	18	17	18	18	15	-16.7%	-16.7%
4	House & Property Insp.	43	36	39	31	29	-6.5%	-32.6%
5	Onsite Wastewater	14	14	14	13	16	23.1%	14.3%
6	Public Works Inspector	62	63	64	65	65	0.0%	4.8%
7	Public Works Technician	0	0	0	0	0	N/A	N/A
8	Site Improvement Survey	22	21	18	16	19	18.8%	-13.6%
9	Steel Detailing	5	5	5	4	4	0.0%	-20.0%
10	Underground Utility Locator	1	1	1	1	1	0.0%	0.0%
11	Reg. Technology Manager	35	34	39	42	39	-7.1%	11.4%
12	Professional Technologist	11	11	33	45	52	15.6%	372.7%
	Sub-total	275	260	303	307	310	1.0%	12.7%
	Grand Total Individual Members	9,888	9,771	9,450	8,987	8,813	-1.9%	-10.9%