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# Individual Certification Programs Status Update

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Breakdown as of  
04/30/2025

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Andri Orphanides

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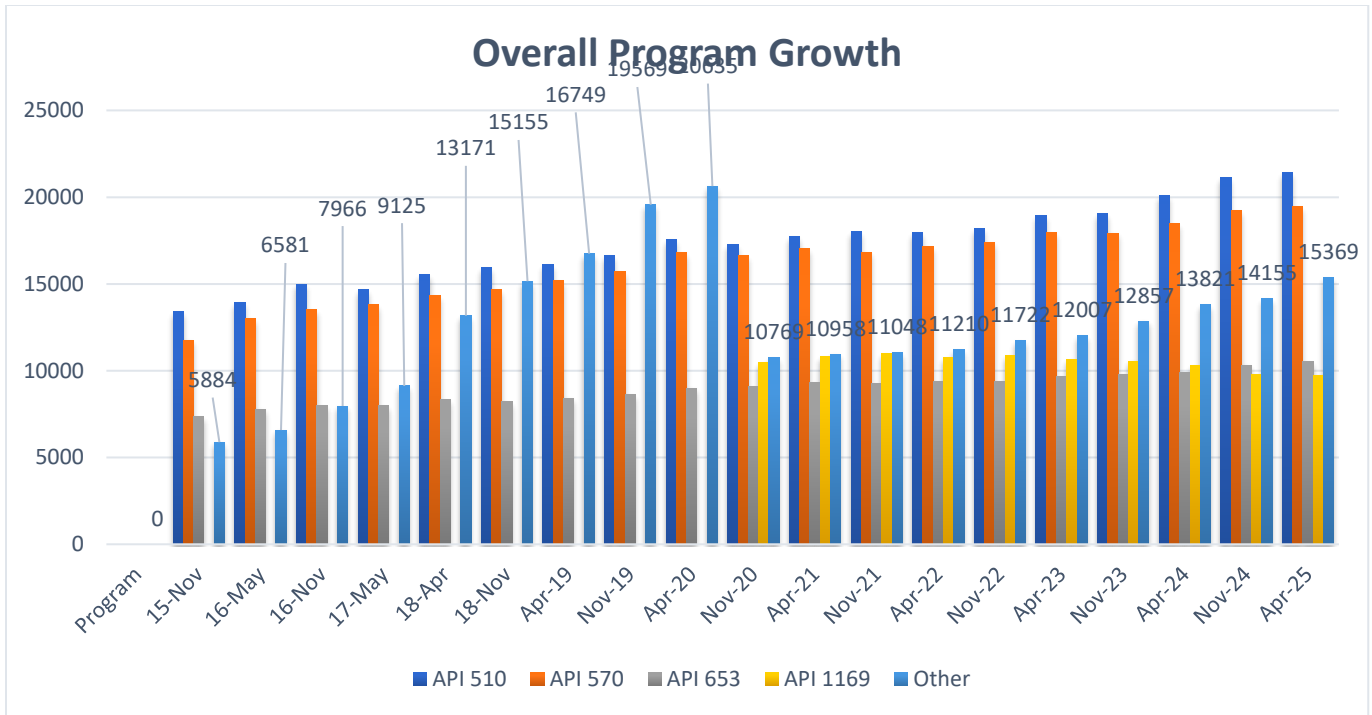


Figure 1 in November 2020, ICP separated API 1169 from the other category into its own category to track progress. This resulted in a readjustment and appearance of a drop in the Other category.

**Overall Growth:**

Total certifications for the Individual Certification Programs (ICP) grew by approximately 19.5 % over the last 5 – years. The chart in Figure 2 shows a steady upward trend in overall participation. API 510, 570, and 653 remain the volume leaders with steady growth. Growth for ICP is driven by these traditional core certifications, with especially strong gains from April 2023 onwards.

**Strong Growth Programs:**

The numbers for specialized programs API 580, 571, 577 and 936 reflect growing interest in the last 5 years in technical domains, with these programs seeing strong surges over the last 3-year period. API 1184, introduced in November 2022, has seen massive growth from 77 certficants to currently having 591.

The Source Inspector programs have seen slow but steady growth. The Source Inspector for Fixed Equipment, which dropped for a period, has started to rebound slightly in April 2025. The Source Inspector for Rotating Equipment has experienced steady growth overall.

**Special Mentions:**

API 1169, which peaked in November 2021 has declined slightly over the years as participation has evened out after the CEPA and INGA mandate. The “QUTE” series programs were revamped in 2024, and relaunched as the QUTE (M) which consolidated the QUTE and QUSE programs, and the QUTE (PA), which is a consolidation of the QUPA and QUSE-PA programs.

Program	Apr-20	Nov-20	Apr-21	Nov-21	Apr-22	Nov-22	Apr-23	Nov-23	Apr-24	Nov-24	Apr- 2025
API 510	17543	17260	17709	18034	17969	18187	18923	19056	20108	21144	21437
API 570	16830	16634	17034	16833	17178	17414	17938	17924	18491	19246	19435
API 653	8997	9089	9310	9240	9360	9400	9674	9763	9885	10329	10515
API 936	2190	2201	2241	2260	2248	2359	2409	2507	2616	2640	2713
TES	606	590	575	543	519	522	517	501	484	468	461
API 571	1647	1662	1755	1845	1895	2035	2118	2316	2577	2732	2973
API 580	3473	3609	3764	3788	3942	4177	4295	4694	5254	5463	5773
API 577	752	760	786	802	801	841	861	877	895	894	924
QUTE	386	376	358	334	307	290	276	270	255	213	223
QUSE	68	66	66	61	60	54	45	44	36	19	20
QUPA	314	319	328	344	362	358	371	369	361	296	312
QUSE-PA	65	65	59	58	59	64	67	74	61	18	21
QUTE (M)										14	21
QUTE (PA)										40	63
QUTE-TM			40	56	75	82	87	87	93	80	77
SI-FE	948	898	789	766	737	718	714	698	679	683	746
API 1169	9976	10467	10834	10985	10781	10880	10654	10559	10298	9795	9743
API 1184							77	157	229	301	591
SI-RE	185	187	157	147	151	155	166	175	185	188	237
ACP	9	18	21	21	29	39	49	52	60	62	68
SIEE	16	18	19	22	24	27	30	34	36	41	45
982											99
TOTAL	64,005	64,219	65,845	66,139	66,497	67,602	69,271	70,157	72,603	74,666	76,499

Figure 2 Chart reflects certifications held in each program and participation over the last 5 years. The QUTE programs were consolidated in 2025 to the QUTE (M) and the QUTE (PA). The QUTE, QUSE, QUPA and QUSE-PA programs will be sunset. Certificiant holders in those programs, will be given to the end of their most current certification period to recertify into one of the two new programs. API 982 was introduced in August 2024.

## Certified Inspectors Worldwide

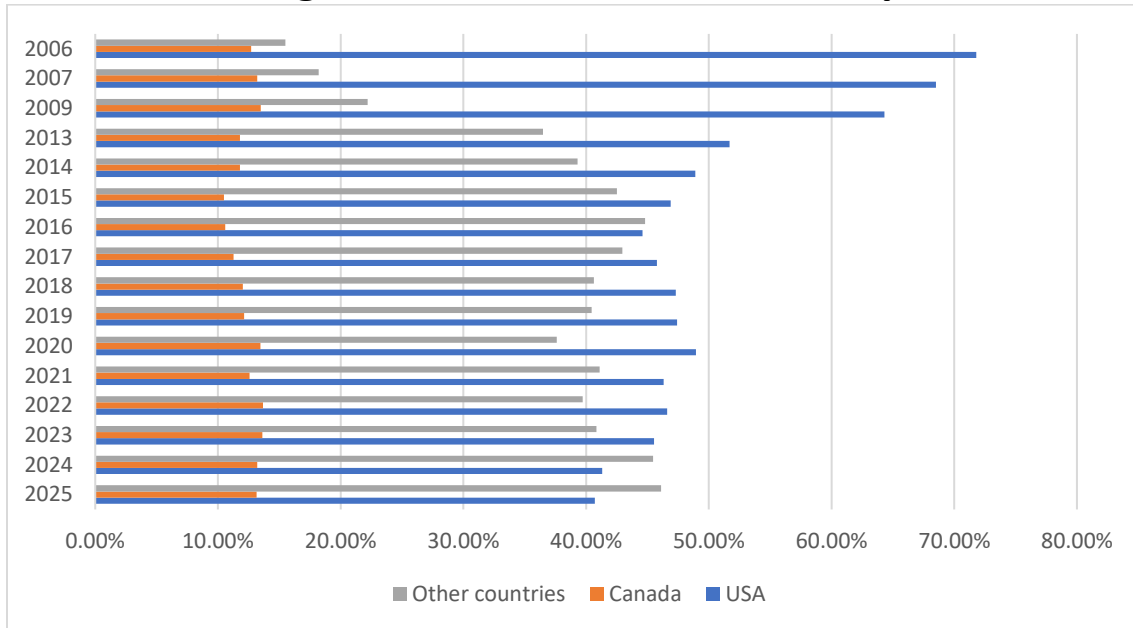


There are 43,235 certification holders in 131 countries.

### Active Inspectors

Country	Active Inspectors	Percentage From Total
United States	17,607	40.72%
Canada	5,690	13.16%
Kingdom of Saudi Arabia	3,216	7.44%
India	2,744	6.35%
Malaysia	1,300	3.01%
United Arab Emirates	1,036	2.40%
South Korea	1,009	2.33%
Egypt	916	2.12%
United Kingdom	751	1.74%
Pakistan	689	1.59%
Singapore	649	1.50%
Qatar	558	1.29%
<b>Total</b>	<b>43,235</b>	<b>100.00%</b>

## Percentage Breakdown of Certified Inspectors



*Reporting as of April 2025.*

Over the last few years we've seen fluctuation in foreign markets, with a slight dip, especially during COVID. Over the last year we start to see a shift in the proportion of certificants in foreign markets over the North American combined. In 2023 we saw an growth of 1,000+ in Foreign Markets. For 2024, and ealy 2025 we continue to see North American markets decrease, as Foreign Markets increase interest.

Year	USA	USA	Canada	Canada	Other countries	
<b>2012</b>	7934	54.70%	1761	12.10%	4820	33.20%
<b>2013</b>	8483	51.70%	1936	11.80%	5979	36.50%
<b>2014</b>	8984	48.90%	2165	11.80%	7221	39.30%
<b>2015</b>	10137	46.90%	2277	10.50%	9180	42.50%
<b>2016</b>	11065	44.60%	2638	10.60%	11112	44.80%
<b>2017</b>	13539	45.78%	3334	11.27%	12700	42.95%
<b>2018</b>	16147	47.32%	4107	12.04%	13866	40.64%
<b>2019</b>	17984	47.42%	4828	12.14%	13821	40.44%
<b>2020</b>	18871	48.95%	5185	13.45%	14493	37.60%
<b>2021</b>	19102	46.31%	5509	12.58%	14941	41.11%
<b>2022</b>	18649	46.61%	5475	13.68%	15885	39.71%
<b>2023</b>	18198	44.90%	5580	13.64%	17122	41.46%
<b>2024</b>	17618	41.32%	5631	13.21%	19393	45.47%
<b>2025</b>	17,607	40.72%	5690	13.16%	19,938	46.12%

## Global Certificate Distribution (Total by Country)

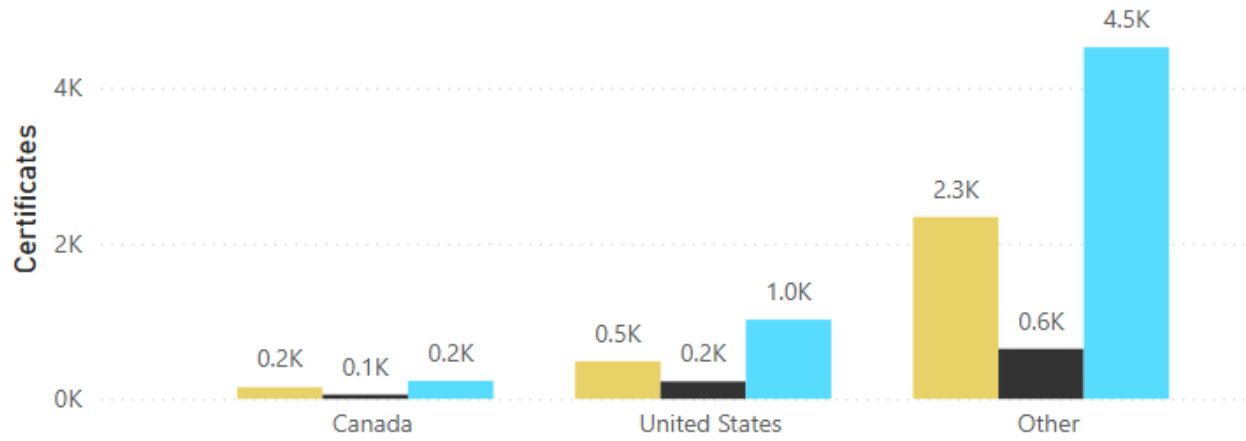


### Active Certificates

Country	Active Certificates	Percentage From Total
United States	29,783	38.93%
Canada	8,954	11.70%
Kingdom of Saudi Arabia	6,455	8.44%
India	5,178	6.77%
United Arab Emirates	2,172	2.84%
Malaysia	2,147	2.81%
Egypt	2,112	2.76%
Pakistan	1,461	1.91%
South Korea	1,455	1.90%
Singapore	1,307	1.71%
United Kingdom	1,261	1.65%
Qatar	1,234	1.61%
<b>Total</b>	<b>76,499</b>	<b>100.00%</b>

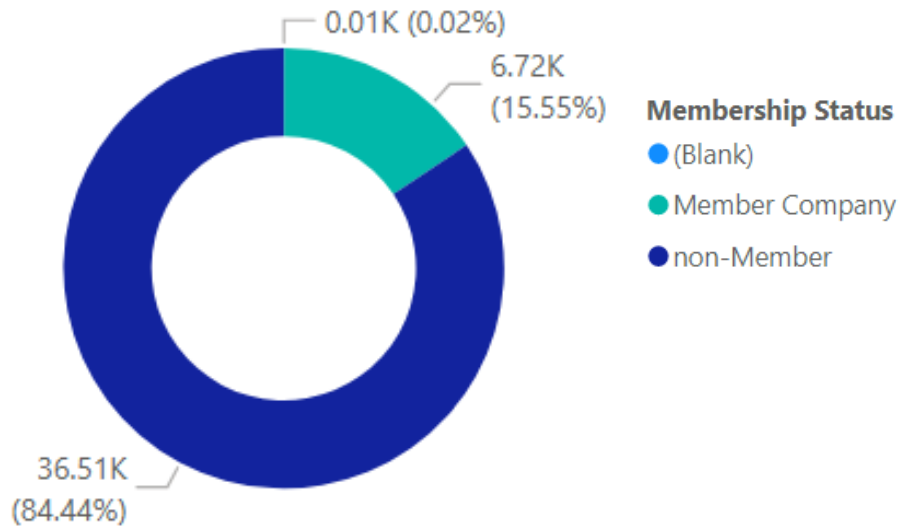
## Breakdown of Specialized Programs

Code ● 571 ● 577 ● 580



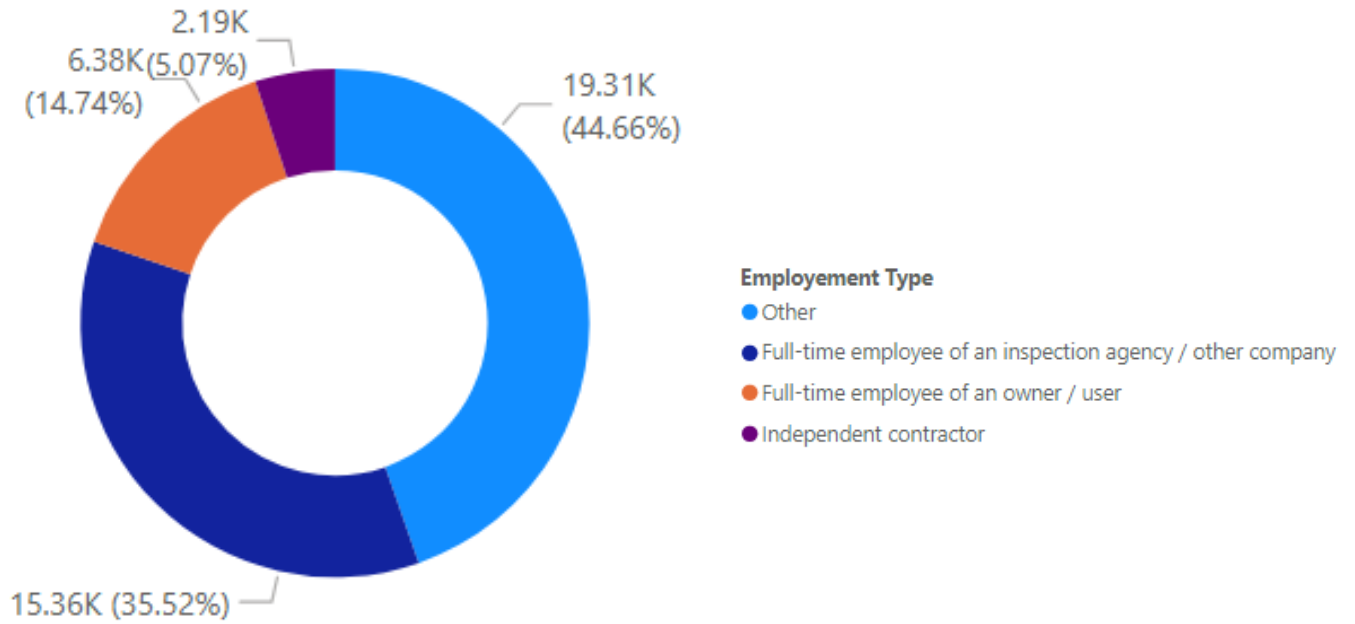
Country_Group	571	577	580	Total
Canada	150	56	233	<b>439</b>
United States	484	224	1019	<b>1727</b>
Other	2339	644	4521	<b>7504</b>
<b>Total</b>	<b>2973</b>	<b>924</b>	<b>5773</b>	<b>9670</b>

## Member vs. Non-Member

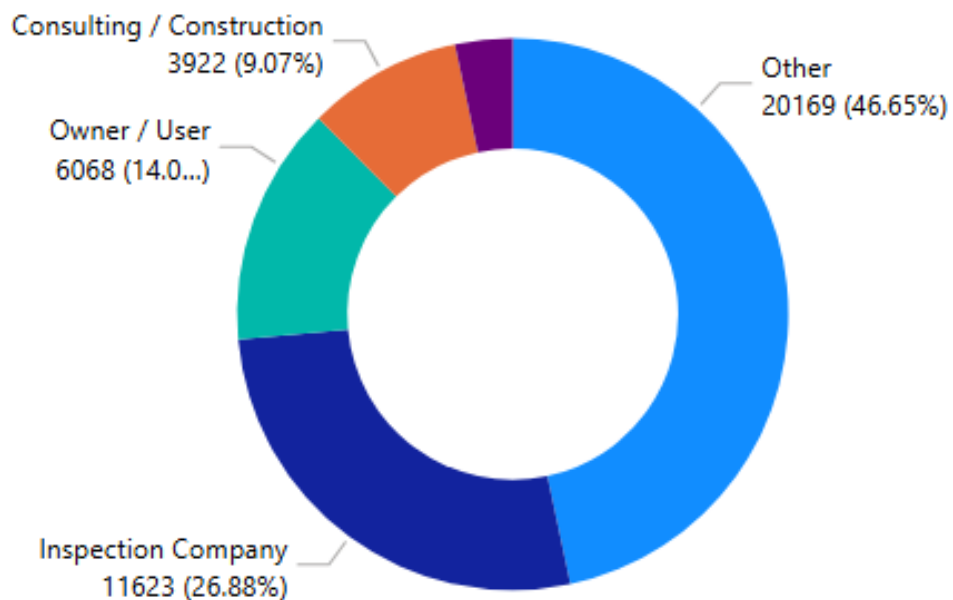


# Demographic Breakdown of Certified Inspectors

## Active Certified Inspectors by Employment Type

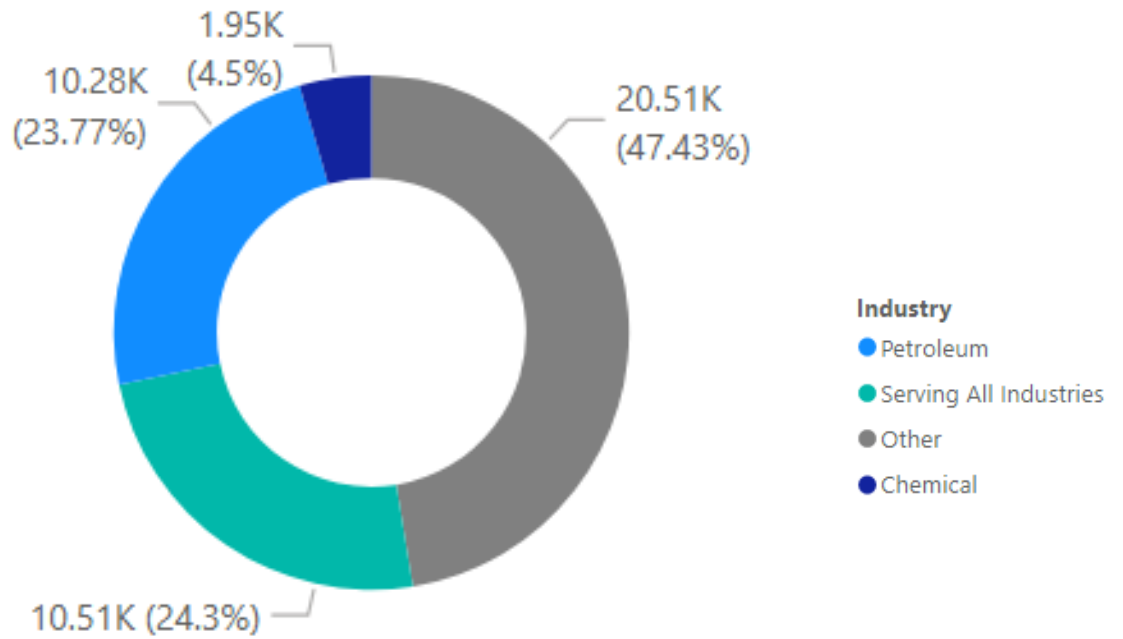


## Active Certified Inspectors by Organization Type



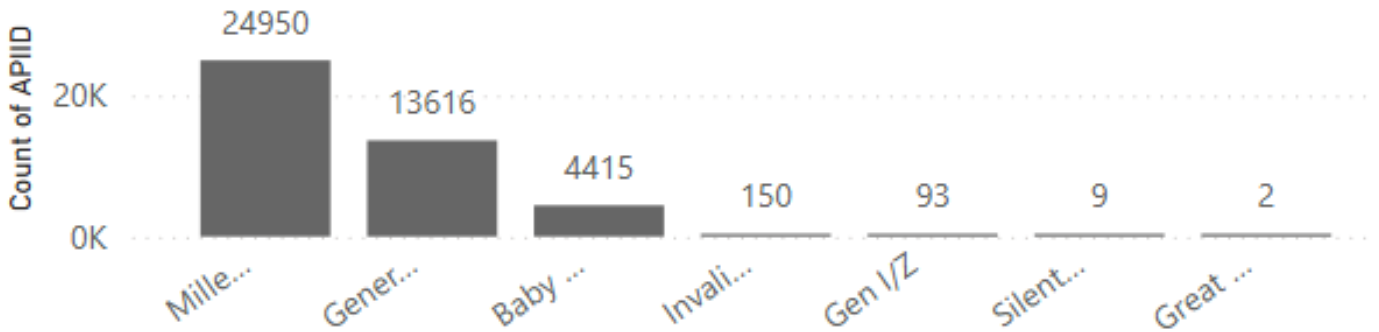


### Active Certified Inspectors by Industry Type



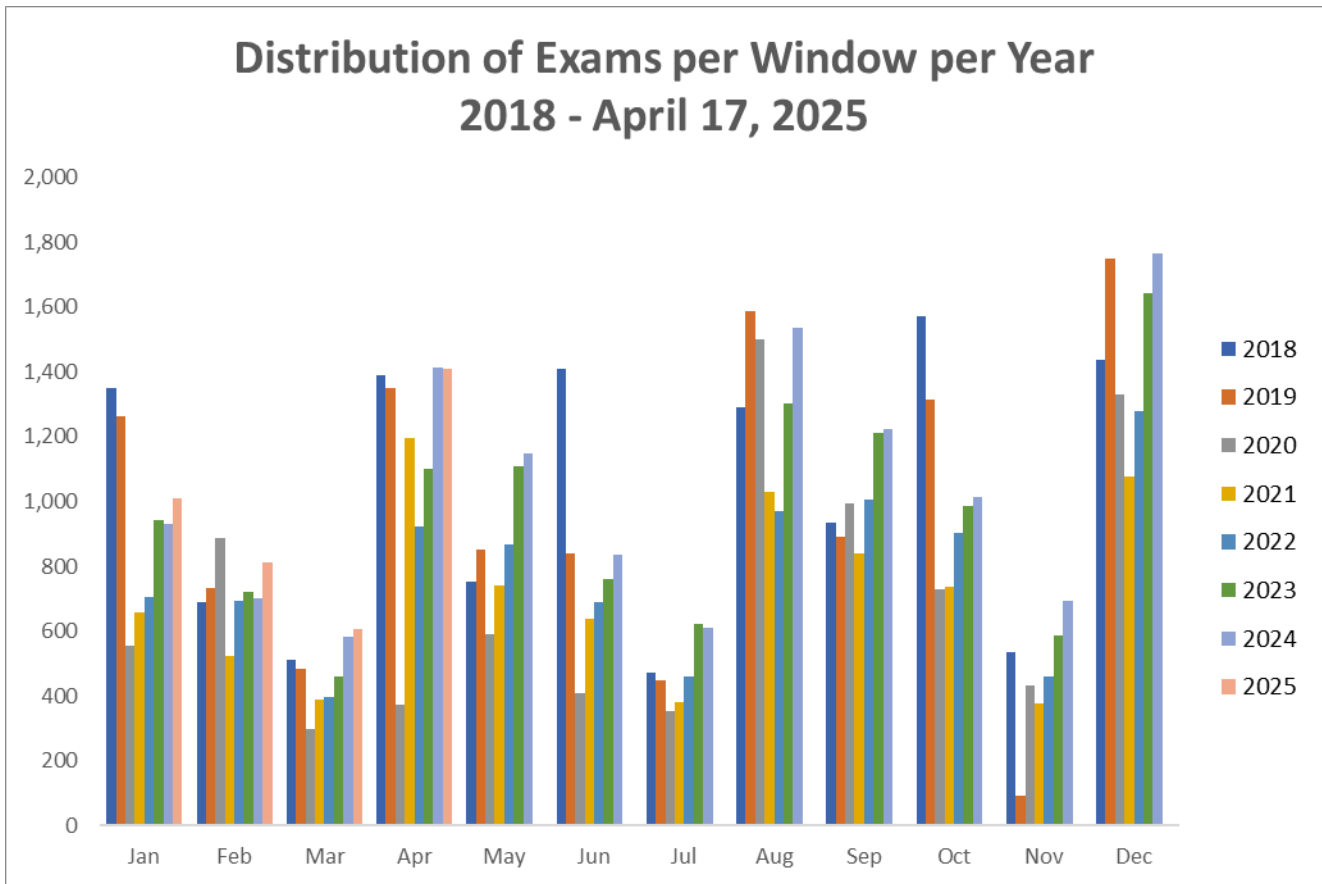
### Certificants by Generation

#### Inspectors by Demography



Millennials make up the core of certificants with an average age of 37. They overshadow Gen X and Baby Boomers combined. We continue to see very few Gen Zs entering the market. This is in stark contrast to where we witnessed millennials enter the market over 6 years ago.

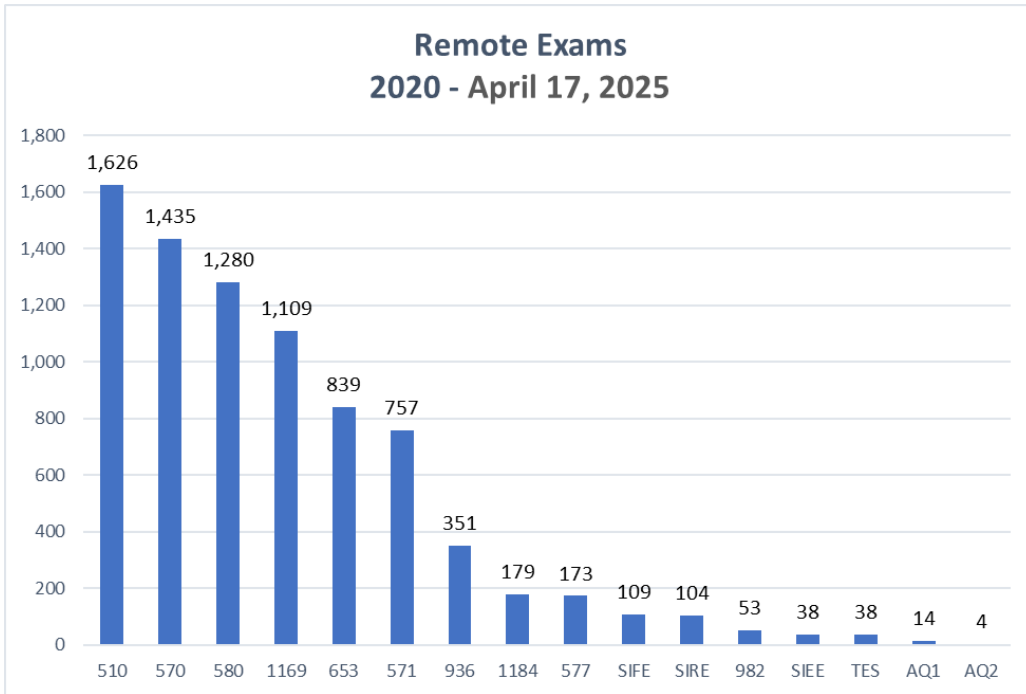
## Breakdown of Exams Administered



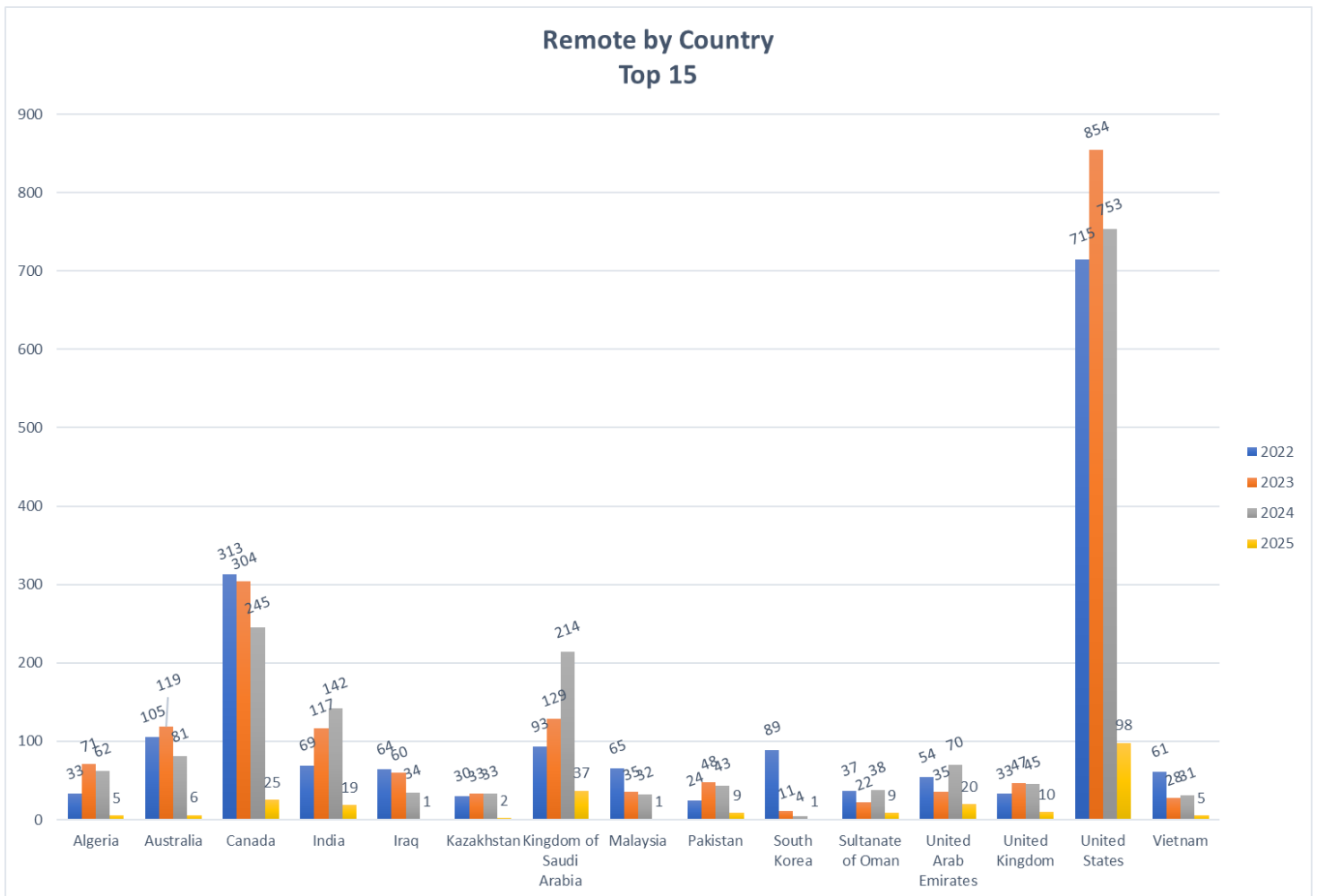
2025 exams are reflect exams scheduled through April 2025.

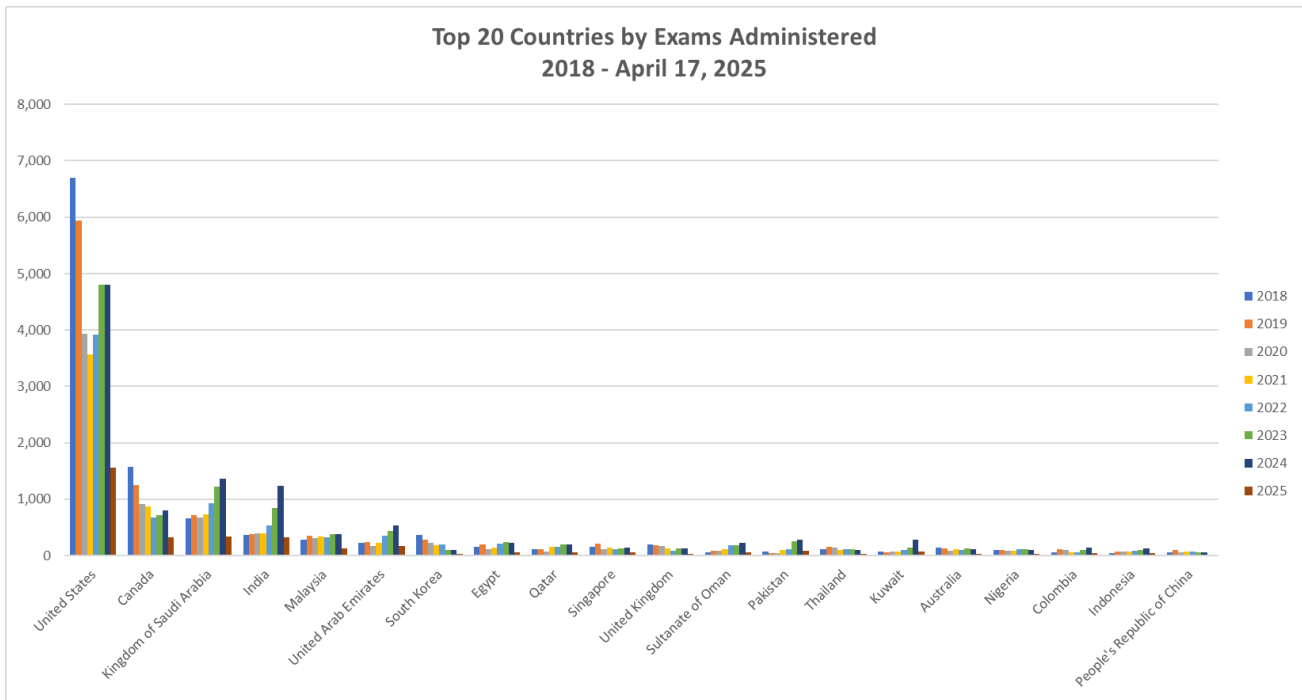
Within the same period, the distribution of exams per window were as follows:

Exam Window	2018	2019	2020	2021	2022	2023	2024	2025
<b>January</b>	1,498	1,453	556	660	705	941	930	1,008
<b>February</b>	835	872	887	522	692	721	701	813
<b>March</b>	607	562	299	390	398	462	584	607
<b>April</b>	1,521	1,514	373	1,197	924	1,100	1,414	1,409
<b>May</b>	859	954	592	742	867	1,109	1,147	
<b>June</b>	1,629	976	410	638	689	760	837	
<b>July</b>	553	515	354	380	460	624	612	
<b>August</b>	1,418	1,781	1,499	1,031	972	1,304	1,535	
<b>September</b>	1,093	1,010	993	841	1,005	1,211	1,223	
<b>October</b>	1,884	1,490	730	737	905	986	1,014	
<b>November</b>	649	108	434	377	462	585	693	
<b>December</b>	1,591	1,926	1,079	1,079	1,278	1,643	1,764	
			<b>8,459</b>	<b>8,594</b>	<b>9,357</b>	<b>11,446</b>	<b>12,454</b>	



Remote exams piloted with the specialized CBT exams in November 2020 and expanded to cover all programs in February 2021. The Remote Modality was suspended for the core programs (API 510, 570, 653, 1169 and 1184) in September 2024 and is currently only offered for specialized and smaller programs.





Top 20 Countries	Total
United States	54,569
Canada	10,805
Kingdom of Saudi Arabia	10,040
Kuwait	6,086
India	3,867
South Korea	3,863
Malaysia	3,740
United Arab Emirates	2,159
Singapore	2,070
Egypt	1,893
Qatar	1,665
Indonesia	1,521
Thailand	1,446
Australia	1,436
Nigeria	1,379
Sultanate of Oman	1,282
United Kingdom	1,158
Pakistan	1,021
People's Republic of China	935
Colombia	917
<b>Total</b>	<b>111,852</b>

Between 2015 and April 2024, ICP has administered **119,719** exams in 132 different countries. Of these, 106,813 are computer-based (CBT) and the remaining 3,858 are a combination of paper and performance-based. We will have utilized approximately 435 of the over 600 Prometric testing centers around the world.

Above the chart shows the top 20 countries over the last 8 years. As you can see, over time, 111,852 (91%) of our exams were delivered in those top 20 countries. The country breakdown can be seen in the table to the left.

## **Historical Exam Performance**

° Indicates exams that have undergone a Standard Setting

510/653 underwent Standard Settings in November 2019, 570 underwent a Standard Setting in November 2020  
580 underwent Standard setting in October 2021

^^Testing window was impacted by COVID-19

- Prometric shutdown all North American testing centers on March 18, 2020, until April 30, 2020, impacting the March and April exams
- Many international testing locations were also impacted.
- Extended the March and April windows until May 17, 2020.

Note: Report reflects completed CBT exams as of March 2025

### API 510 - Pressure Vessel Inspectors

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	January	552	301	251	54.5	400
	May/June^^	286	157	129	54.9	400
	September	663	357	306	53.8	400
2021	January	552	300	252	54.3	400
	May	659	384	275	58.3	400
	September	799	467	332	58.4	400
2022	January	684	397	287	58.0	400
	May	840	502	338	59.8	400
	September	970	571	399	58.9	400
2023	January	911	565	346	62.0	400
	May	1084	688	396	63.5	400
	September	1167	747	420	64.0	400
2024	January	902	624	278	69.2	400
	May	1146	785	361	68.5	400
	September	1211	798	413	65.9	400
2025	January	997	667	330	66.9	

### API 653 - Aboveground Storage Tanks Inspectors

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	March/May^^	135	94	41	69.6	400
	July	229	141	88	61.6	400
	November	317	213	104	67.2	400
2021	March	278	184	94	67.2	400
	July	286	180	106	62.9	400
	November	301	192	109	63.8	400
2022	March	291	187	104	64.3	400
	July	346	227	119	65.6	400
	November	397	278	119	70.0	400
2023	March	353	221	132	62.6	400
	July	498	348	150	69.9	400
	November	513	367	146	71.5	400
2024	March	465	321	144	69.0	400
	July	510	387	123	75.9	400
	November	567	368	199	64.9	400
2025	March	442	278	168	62.9	400

### API 570 - Piping Inspectors

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	February	988	490	498	49.6	400
	June	276	156	120	56.5	400
	October <sup>o</sup>	672	407	265	60.6	400
2021	February	479	329	150	68.7	400
	June	585	361	224	61.7	400
	October	730	329	401	45.1	400
2022	February	666	406	260	60.9	400
	June	676	429	247	63.5	400
	October	898	592	306	65.9	400
2023	February	712	455	257	63.9	400
	June	748	503	245	67.2	400
	October	989	666	323	67.3	400
2024	February	698	461	237	66.0	400
	June	835	571	264	68.4	400
	October	1010	709	301	70.2	400
2025	February	792	505	287	63.7	400

### API TES – Tank Entry Supervisors

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	March/May^^	2	1	1	50.0	400
	July	8	7	1	87.5	400
	November	5	4	1	80.0	400
2021	March	14	12	2	85.7	400
	July	9	6	3	66.7	400
	November	11	6	5	54.5	400
2022	March	13	9	4	69.2	400
	July	23	17	6	73.9	400
	November	15	9	6	60.0	400
2023	March	10	9	1	90.0	400
	July	27	9	18	33.3	400
	November	12	7	5	58.3	400
2024	March	13	5	8	38.5	400
	July	22	9	13	40.9	400
	November	19	11	8	57.9	400
2025	March	6	5	1	83.3	400

**API 936 - Refractory Personnel**

<b>Year</b>	<b>Exam Administration</b>	<b>Candidates</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass %</b>	<b>Pass Point</b>
<b>2020</b>	April/May^^	13	11	2	84.6	400
	August	89	70	19	78.7	400
	December	113	78	35	69.0	400
<b>2021</b>	April	87	64	23	73.6	400
	August	109	76	33	69.7	400
	December	131	98	33	74.8	400
<b>2022</b>	April	95	67	28	70.5	400
	August	108	78	27	74.3	400
	December	146	106	40	72.6	400
<b>2023</b>	April	120	89	31	74.2	400
	August	135	88	47	65.2	400
	December	162	103	59	64.7	400
<b>2024</b>	April	144	100	44	69.4	400
	August	139	90	49	64.7	400
	December	223	132	91	59.2	400
<b>2025</b>	April*					

\* Standard Setting Form

**API 982 – Refractory Inspector Program**

<b>Year</b>	<b>Exam Administration</b>	<b>Candidates</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass %</b>	<b>Pass Point</b>
<b>2024</b>	August	85	60	25	70.6	400
	December	30	26	4	87.0	400
<b>2025</b>	April					400



### API 571 - Corrosion and Materials Professional

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	April/May^^	17	12	5	70.6	400
	August	126	53	73	42.1	400
	December	219	108	111	49.3	400
2021	April	190	64	126	33.7	400
	August	166	66	100	39.8	400
	December°	195	96	99	49.2	400
2022	April	139	71	68	51.1	400
	August	165	93	72	56.4	400
	December	238	119	119	50.0	400
2023	April	215	116	99	53.9	400
	August	229	134	95	58.5	400
	December	294	163	131	55.4	400
2024	April	259	151	108	58.3	400
	August	318	196	122	61.6	400
	December	373	218	155	58.4	400

### API 580 - Risk Based Inspection Professional

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	April/May^^	31	19	12	61.3	400
	August	261	194	67	74.3	400
	December	311	210	101	67.5	400
2021	April	256	150	106	58.6	400
	August°	276	152	124	55.1	400
	December	267	141	126	52.1	400
2022	April	268	134	134	50.0	400
	August	281	157	124	55.9	400
	December	421	235	186	55.8	400
2023	April	390	213	177	54.6	400
	August	476	260	216	54.6	400
	December	598	358	240	59.9	400
2024	April	542	298	244	55.0	400
	August	536	327	209	61.0	400
	December	564	311	253	55.1	400

**API 577 - Welding Inspection and Metallurgy Professional**

<b>Year</b>	<b>Exam Administration</b>	<b>Candidates</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass %</b>	<b>Pass Point</b>
<b>2020</b>	April/May^^	4	1	3	25.0	400
	August	53	31	22	58.5	400
	December	61	36	25	59.0	400
<b>2021</b>	April	43	24	19	55.8	400
	August	49	29	20	59.2	400
	December	55	32	23	58.2	400
<b>2022</b>	April <sup>o</sup>	54	33	21	61.1	400
	August	40	24	16	60.0	400
	December	55	40	15	72.7	400
<b>2023</b>	April	28	14	14	50.0	400
	August	40	24	16	60.0	400
	December	34	20	14	58.8	400
<b>2024</b>	April	41	24	17	58.5	400
	August	43	25	18	58.1	400
	December	54	37	17	68.5	400

### API SIFE - Source Inspector Fixed Equipment

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	March^^	8	6	2	75.0	400
	July	10	7	3	70.0	400
	November	31	23	8	74.2	400
2021	March	20	15	5	75.0	400
	July	14	9	5	64.3	400
	November	15	11	4	73.3	400
2022	March	19	12	7	63.2	400
	July	17	7	10	41.2	400
	November	16	11	5	68.7	400
2023	March	21	13	8	61.9	400
	July	29	14	15	48.3	400
	November	32	17	15	53.1	400
2024	March	27	16	11	59.3	400
	July	29	19	10	65.5	400
	November	51	31	20	60.8	400
2025	March	64	48	16	75.0	400

### API SIRE - Source Inspector Rotating Equipment

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	March^^	6	1	5	16.7	400
	July	12	4	8	33.3	400
	November	28	11	17	39.3	400
2021	March	20	9	11	45.0	400
	July	16	3	13	18.7	400
	November	13	6	7	46.2	400
2022	March	15	4	11	26.7	400
	July	20	7	13	35.0	400
	November	20	6	14	30.0	400
2023	March	21	7	14	33.3	400
	July	21	11	10	52.4	400
	November	12	9	3	75.0	400
2024	March	29	11	18	37.9	400
	July	24	12	12	50.0	400
	November	43	27	16	62.8	400
2025	March	48	28	20	58.3	400

**API SIEE - Source Inspector Electrical Equipment**

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	March/May^^	6	0	6	0.0	400
	July	5	2	3	40.0	400
	Nov	8	0	8	0.0	400
2021	March	3	1	2	33.3	400
	July	7	3	4	42.9	400
	November	3	1	2	33.3	400
2022	March	7	3	4	42.9	400
	July	9	3	6	33.3	400
	November	5	0	5	0.0	400
2023	March	6	3	3	50.0	400
	July	9	4	5	44.4	400
	November	5	1	4	20.0	400
2024	March	7	2	5	28.6	400
	July	9	6	3	66.7	400
	November	6	1	5	16.7	400
2025	March	12	4	8	33.3	400

**API CAP**

AQ1					
Year	Exam Administration	Candidates	Pass	Fail	Pass %
2021	November	19	12	7	63.2
2022	March	2	0	2	0.0
	July	13	7	6	53.8
	November	5	4	1	80.0
2023	March	8	4	4	50.0
	July	8	5	3	62.5
	November	6	3	3	50.0
2024	March	7	4	3	57.1
	July	5	1	4	20.0
	November	7	3	4	42.8
2025	March	2	0	2	0.0

AQ2					
Year	Exam Administration	Candidates	Pass	Fail	Pass %
2021	November	2	0	2	0.0
2022	March	1	1	0	100.0
	July	4	3	1	78.0
	November	1	1	0	100.0
2023	March	1	1	0	100.0
	July	1	0	1	0.0
	November	1	1	0	100.0
2024	March	2	1	1	50.0
	July	2	1	1	50.0
	November	1	1	0	100.0
2025	March	2	2	0	100.0

**API 1169 - Pipeline Construction Inspector**

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2020	April/May^^	140	93	47	66.4	400
	August	856	555	301	64.8	400
	September/October	261	176	85	67.4	400
	December	523	324	199	62.0	400
2021	April	612	373	239	60.9	400
	August	421	249	172	59.1	400
	December°	376	225	151	59.8	400
2022	April	356	211	145	59.2	400
	August	296	173	123	58.4	400
	December	329	190	139	57.7	400
2023	April	296	199	97	67.2	400
	August	310	196	114	63.2	400
	December	408	237	171	58.1	400
2024	April	298	159	139	53.3	400
	August	296	168	128	56.7	400
	December	344	202	142	58.7	400

**API 1184 – Pipeline Facility Construction Inspector**

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2022	August	62	47	15	75.8	400
	December	44	30	14	68.2	400
2023	April	48	36	12	75.0	400
	August	69	46	23	66.7	400
	December	95	64	31	67.4	400
2024	April	119	78	41	65.5	400
	August	113	90	23	79.6	400
	December	170	136	34	80.0	400

**QUTE (M)\***

Year	Session #	Exam Administration	Candidates	Pass	Fail	Pass%
2024	Beta		8	2	6	25.0
2025	1	January	1	1	0	100.0
	2	February	1	1	0	100.0
	3	March	4	0	4	0.0

**QUTE (PA)\***

Year	Session #	Exam Administration	Candidates	Pass	Fail	Pass%
2024	Beta		32	18	14	56.2
2025	1	January	3	2	1	66.6
	2	February	6	3	3	50.0
	3	March	9	5	4	55.6

**\*Note:** ICP revalidated the QUTE, QUSE, QUPA, and QUSEPA programs over the last year. Per consensus agreement those programs were consolidated to the above QUTE (M) and QUTE (PA) and the previous programs were sunset.

**API QUTE-TM**

<b>Year</b>	<b>Session #</b>	<b>Exam Administration</b>	<b>Candidates</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass%</b>
<b>2020</b>	<b>101</b>	March	5	4	1	80.0%
	<b>Special</b>	March	20	9	11	45.0%
	<b>102</b>	May	-	-	-	-
	<b>103</b>	July	-	-	-	-
	<b>104</b>	September	2	2	0	100.0%
	<b>Special</b>	December	10	8	2	80.0%
	<b>105</b>	December	-	-	-	-
	<b>Special</b>	December	10	10	0	100.0%
<b>2021</b>	<b>106</b>	January	2	2	0	100.0%
	<b>Special</b>	January	12	7	5	58.0%
	<b>Special</b>	March	7	2	5	28.5%
	<b>107</b>	March	4	1	3	25.0%
	<b>Special</b>	July	7	5	2	71.4%
	<b>109</b>	July	6	5	1	83.3%
	<b>110</b>	September	4	0	4	0.0%
	<b>111</b>	December	3	1	2	33.3%
<b>2022</b>	<b>112</b>	January	-	-	-	-
	<b>113</b>	March	1	1	0	100.0%
	<b>114</b>	May	-	-	-	-
	<b>115</b>	July	-	-	-	-
	<b>116</b>	September	-	-	-	-
	<b>117</b>	December	0	0	0	-
<b>2023</b>	<b>118</b>	January	5	5	0	100.0%
	<b>119</b>	March	0	0	0	-
	<b>120</b>	May	1	0	1	0.0%
	<b>121</b>	July	-	-	-	-
	<b>122</b>	September	-	-	-	-
	<b>123</b>	December	-	-	-	-
<b>2024</b>	<b>124</b>	January	-	-	-	-
	<b>125</b>	March	6	3	3	50.0%
	<b>Special Site</b>	April	7	5	2	71.4%
		September	2	0	2	0.0%