



**AMERICAN PETROLEUM INSTITUTE  
INDIVIDUAL CERTIFICATION PROGRAMS STATUS**

As of November 1, 2013

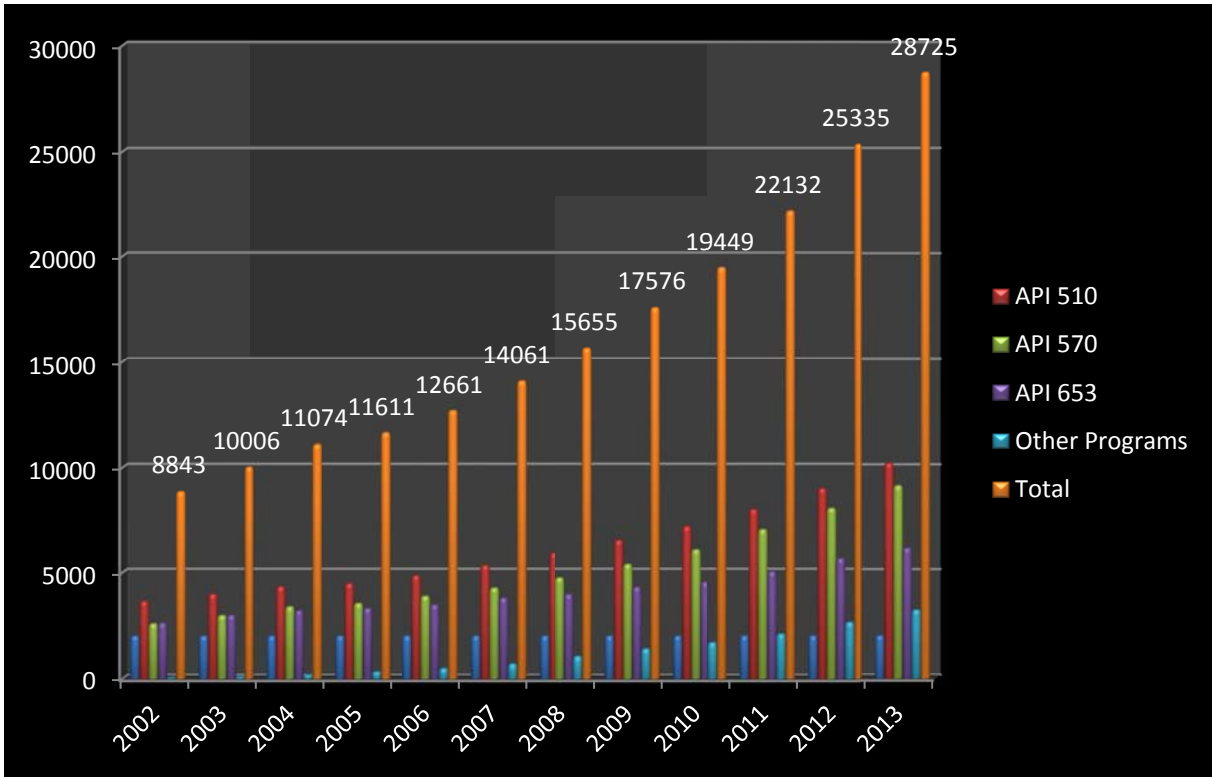
**Active Certificates**

|              | 04/07        | 09/07        | 03/08        | 10/08        | 03/09        | 10/09        | 03/10        | 10/10        | 05/11        | 11/11        | 04/12        | 10/12        | 04/13        | 11/13        |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| API 510      | 5110         | 5321         | 5770         | 5907         | 6321         | 6507         | 6958         | 7155         | 7622         | 8002         | 8556         | 8994         | 9746         | 10221        |
| API 570      | 4079         | 4262         | 4555         | 4738         | 5150         | 5375         | 5754         | 6061         | 6563         | 7009         | 7639         | 8052         | 8695         | 9116         |
| API 653      | 3637         | 3794         | 3876*        | 3966         | 4091         | 4301         | 4382         | 4541         | 4768         | 5029         | 5304         | 5647         | 5905         | 6162         |
| API 936      | 260          | 288          | 316          | 356          | 410          | 457          | 486          | 509          | 554          | 599          | 706          | 784          | 901          | 964          |
| TES          | 139          | 188          | 251          | 298          | 328          | 369          | 391          | 416          | 423          | 480          | 518          | 572          | 609          | 631          |
| API 571      | 29           | 62           | 96           | 122          | 138          | 172          | 196          | 230          | 272          | 300          | 327          | 355          | 382          | 416          |
| API 580      |              | 18           | 85           | 117          | 135          | 180          | 230          | 266          | 315          | 359          | 419          | 490          | 565          | 645          |
| API 577      |              |              |              | 20           | 38           | 57           | 70           | 87           | 99           | 115          | 129          | 148          | 161          | 182          |
| QUTE         | 129          | 128          | 122          | 131          | 146          | 162          | 173          | 184          | 201          | 226          | 241          | 269          | 286          | 327          |
| QUSE         |              |              |              |              |              |              |              |              |              |              |              |              |              | 18           |
| QUPA         |              |              |              |              |              |              |              |              |              |              |              |              |              | 43           |
| <b>TOTAL</b> | <b>13383</b> | <b>14061</b> | <b>15171</b> | <b>15655</b> | <b>16757</b> | <b>17580</b> | <b>18640</b> | <b>19449</b> | <b>20821</b> | <b>22132</b> | <b>23863</b> | <b>25335</b> | <b>27279</b> | <b>28725</b> |

**Total Number of API Certified Individuals = 16,398**

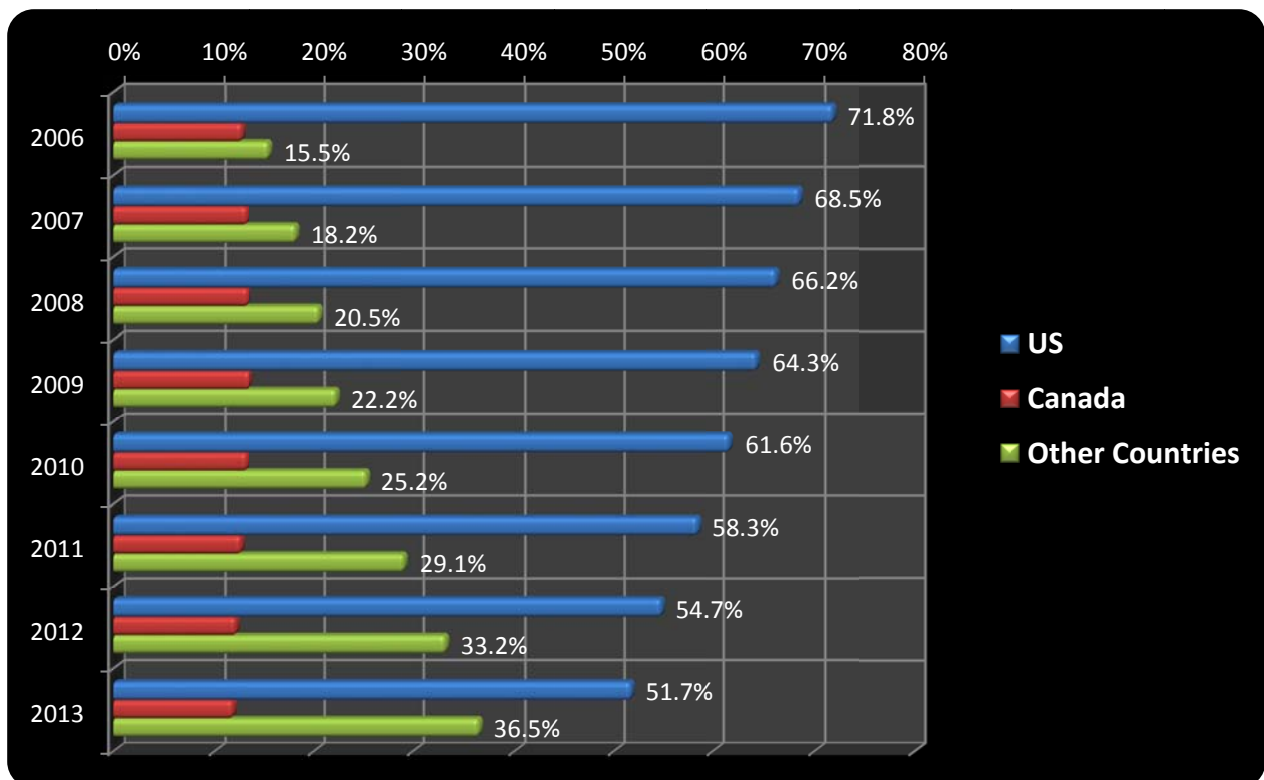
|                              | USA                | CANADA           | OTHER            | TOTAL  |
|------------------------------|--------------------|------------------|------------------|--------|
| <b>Certified Individuals</b> | 8,483<br>(51.7%)   | 1,936<br>(11.8%) | 5,979<br>(36.5%) | 16,398 |
| <b>Active Certificates</b>   | 15,459<br>(53.8 %) | 3,291<br>(11.5%) | 9,975<br>(34.7%) | 28,725 |

# Overall Program Growth



## Breakdown of Certified Inspectors Worldwide

| Year | USA   |            | Canada |            | Other countries |            |
|------|-------|------------|--------|------------|-----------------|------------|
|      | Count | Percentage | Count  | Percentage | Count           | Percentage |
| 2006 | 5350  | 71.8%      | 949    | 12.7%      | 1155            | 15.5%      |
| 2007 | 5598  | 68.5%      | 1079   | 13.2%      | 1489            | 18.2%      |
| 2008 | 5964  | 66.2%      | 1196   | 13.3%      | 1842            | 20.5%      |
| 2009 | 6495  | 64.3%      | 1358   | 13.5%      | 2243            | 22.2%      |
| 2010 | 6846  | 61.6%      | 1468   | 13.2%      | 2807            | 25.2%      |
| 2011 | 7408  | 58.3%      | 1605   | 12.6%      | 3688            | 29.0%      |
| 2012 | 7934  | 54.7%      | 1761   | 12.1%      | 4820            | 33.2%      |
| 2013 | 8483  | 51.7%      | 1936   | 11.8%      | 5979            | 36.5%      |



**Distribution of certified individuals by industry type**

| <b>Industry</b>         | <b>Total</b> | <b>Percentage of total</b> |
|-------------------------|--------------|----------------------------|
| <b>Petroleum</b>        | 7148         | 43.6%                      |
| <b>Chemical</b>         | 1382         | 8.4%                       |
| <b>Other</b>            | 3055         | 18.6%                      |
| <b>Any of the above</b> | 4012         | 24.5%                      |
| <b>Unidentified</b>     | 801          | 4.5%                       |
| <b>TOTAL</b>            | <b>16398</b> |                            |

**Distribution of certified individuals by the employment type**

| <b>Employment type</b>                            | <b>Total</b> | <b>Percentage of total</b> |
|---|--------------|----------------------------|
| <b>Full time employee of an owner/user</b>        | 6163         | 37.6%                      |
| <b>Full time employee of an inspection agency</b> | 7307         | 44.6%                      |
| <b>Independent contractor</b>                     | 1736         | 10.6%                      |
| <b>Unidentified</b>                               | 1192         | 7.2%                       |

## EXAM PERFORMANCE

### API 510, Pressure Vessel Inspectors

| Year | Exam Administration | CANDI-DATES | PASS | FAIL | PASS % | Pass Point |
|------|---------------------|-------------|------|------|--------|------------|
| 2004 | June                | 300         | 208  | 92   | 69.3   | 100        |
|      | December            | 318         | 183  | 135  | 57.6   | 107        |
| 2005 | June                | 304         | 192  | 112  | 63.2   | 108        |
|      | December            | 394         | 238  | 156  | 60.4   | 106        |
| 2006 | June                | 391         | 233  | 158  | 59.6   | 106        |
|      | December            | 520         | 318  | 202  | 61.2   | 106        |
| 2007 | June                | 571         | 330  | 241  | 57.8   | 106        |
|      | September           | 206         | 115  | 91   | 55.9   | 106        |
|      | December            | 613         | 372  | 241  | 60.7   | 105        |
| 2008 | June                | 638         | 354  | 284  | 55.5   | 105        |
|      | September           | 175         | 86   | 89   | 49.1   | 103        |
|      | December            | 586         | 318  | 268  | 54.3   | 109        |
| 2009 | June                | 604         | 284  | 320  | 47.0   | 112        |
|      | September           | 321         | 173  | 148  | 53.9   | 112        |
|      | December            | 659         | 330  | 329  | 50.1   | 110        |
| 2010 | June                | 678         | 357  | 321  | 51.7   | 109        |
|      | September           | 344         | 201  | 143  | 58.4   | 109        |
|      | December            | 651         | 342  | 309  | 52.5   | 110        |
| 2011 | June                | 742         | 392  | 350  | 52.8   | 108        |
|      | September           | 440         | 216  | 224  | 49.1   | 108        |
|      | December            | 833         | 445  | 388  | 53.4   | 109        |
| 2012 | June                | 988         | 554  | 434  | 56.1   | 109        |
|      | September           | 634         | 337  | 297  | 53.2   | 109        |
|      | December            | 795         | 485  | 310  | 61.1   | 90*        |
| 2013 | June                | 960         | 559  | 401  | 58.2   | 90         |
|      | September           | 590         | 335  | 255  | 56.8   | 90         |

\*- out of 125 questions

### API 653 Aboveground Storage Tanks Inspectors

| Year        | Exam administration | CANDIDATES | PASS | FAIL | PASS % | PASS POINT |
|-------------|---------------------|------------|------|------|--------|------------|
| <b>2004</b> | March               | 210        | 145  | 65   | 69.1   | 98         |
|             | September           | 299        | 197  | 102  | 65.9   | 101        |
| <b>2005</b> | March               | 265        | 139  | 126  | 52.5   | 102        |
|             | September           | 313        | 189  | 124  | 60.4   | 103        |
| <b>2006</b> | March               | 288        | 169  | 119  | 58.7   | 105        |
|             | September           | 366        | 244  | 122  | 66.7   | 104        |
| <b>2007</b> | March               | 347        | 226  | 121  | 65.1   | 103        |
|             | September           | 336        | 188  | 148  | 56.0   | 105        |
| <b>2008</b> | March               | 388        | 229  | 159  | 59.0   | 106        |
|             | September           | 323        | 183  | 140  | 56.7   | 106        |
| <b>2009</b> | March               | 407        | 244  | 163  | 60.0   | 106        |
|             | September           | 425        | 250  | 175  | 58.8   | 107        |
| <b>2010</b> | March               | 473        | 274  | 199  | 57.9   | 103        |
|             | September           | 492        | 300  | 192  | 61.0   | 103        |
| <b>2011</b> | March               | 586        | 319  | 267  | 54.4   | 101        |
|             | September           | 660        | 332  | 328  | 50.3   | 101        |
| <b>2012</b> | March               | 683        | 383  | 300  | 56.1   | 105        |
|             | September           | 691        | 419  | 272  | 60.6   | 107        |
| <b>2013</b> | March               | 644        | 364  | 280  | 56.5   | 86         |
|             | September           |            |      |      |        |            |

### API 570 - Piping Inspectors

| Year        | Exam administration | CANDIDATES | PASS | FAIL | PASS % | PASS POINT |
|-------------|---------------------|------------|------|------|--------|------------|
| <b>2004</b> | June                | 368        | 241  | 127  | 65.5   | 100        |
|             | December            | 314        | 145  | 169  | 46.2   | 110        |
| <b>2005</b> | June                | 354        | 185  | 169  | 52.3   | 111        |
|             | December            | 365        | 198  | 167  | 54.2   | 111        |
| <b>2006</b> | June                | 492        | 248  | 244  | 50.4   | 112        |
|             | December            | 477        | 251  | 226  | 52.6   | 109        |
| <b>2007</b> | June                | 518        | 297  | 221  | 57.3   | 109        |
|             | September           | 158        | 84   | 74   | 53.2   | 109        |
|             | December            | 518        | 274  | 244  | 52.9   | 110        |
| <b>2008</b> | June                | 681        | 349  | 332  | 51.2   | 110        |
|             | September           | 142        | 87   | 55   | 61.3   | 110        |
|             | December            | 670        | 331  | 339  | 49.4   | 109        |
| <b>2009</b> | June                | 637        | 317  | 320  | 49.8   | 109        |
|             | September           | 222        | 118  | 104  | 53.2   | 109        |
|             | December            | 637        | 316  | 321  | 49.6   | 111        |
| <b>2010</b> | June                | 815        | 428  | 387  | 52.5   | 107        |
|             | September           | 351        | 178  | 173  | 50.7   | 107        |
|             | December            | 735        | 375  | 360  | 51.0   | 110        |
| <b>2011</b> | June                | 882        | 487  | 395  | 55.2   | 108        |
|             | September           | 454        | 224  | 230  | 49.3   | 108        |
|             | December            | 981        | 526  | 455  | 53.6   | 110        |
| <b>2012</b> | June                | 1002       | 506  | 496  | 50.5   | 110        |
|             | September           | 732        | 353  | 379  | 48.2   | 111        |
|             | December            | 784        | 366  | 418  | 46.7   | 86*        |
| <b>2013</b> | June                | 1078       | 556  | 522  | 51.6   | <b>87</b>  |
|             | September           | 702        | 337  | 365  | 48.0   | 87         |
|             | December            |            |      |      |        |            |

\*- out of 125 questions

### API UT Examiners

| Year        | Session # | Exam administration | CANDI-DATES | PASS | FAIL | PASS % |
|-------------|-----------|---------------------|-------------|------|------|--------|
| <b>2012</b> | 37        | March               | 25          | 12   | 13   | 48     |
|             | 38        | May                 | 15          | 10   | 5    | 48.3   |
|             | 39        | June                | 17          | 9    | 8    | 53.0   |
|             | 40        | July                | 18          | 11   | 7    | 61.1   |
|             | 41        | September           | 3           | 2    | 1    |        |
|             | 42        | October             | 2           | 1    | 1    |        |
|             | 43        | November            | 19          | 11   | 8    |        |
| <b>2013</b> | 44        | January             | 6           | 4    | 2    |        |
|             | 45        | January             | 17          | 9    | 8    |        |
|             | 46        | February            | 6           | 3    | 3    |        |
|             | 47        | February            | 20          | 15   | 5    |        |
|             | 48        | March               | 6           | 2    | 4    |        |
|             | 49        | May                 | 18          | 10   | 8    |        |
|             | 50        |                     | 6           | 5    | 1    |        |
|             | 51        |                     | 24          | 15   | 9    |        |
|             | 52        | July                | 16          | 9    | 7    |        |
|             | 53        | August              | 13          | 10   | 3    |        |
|             | 54        | September           | 18          | 10   | 8    |        |

**Total tested in 2013 - 129**

### API UT Examiners ( Sizing)

| Year        | Exam administration     | CANDI-DATES | PASS | FAIL | PASS % |
|-------------|-------------------------|-------------|------|------|--------|
| <b>2007</b> | pilot                   |             | 3    |      |        |
| <b>2009</b> | December                | 11          | 1    | 10   | 9      |
| <b>2010</b> | No applications         |             |      |      |        |
| <b>2011</b> | July                    | 5           | 3    | 2    | 60     |
|             | November                | 4           | 2    | 2    | 50     |
| <b>2012</b> | March                   | 3           | 1    | 2    |        |
|             | June                    | 1           | 0    | 1    | 0      |
|             | November                | 1           | 0    | 1    |        |
| <b>2013</b> | March<br>(session 48)   | 6           | 3    | 3    |        |
|             | September<br>Session 54 | 7           | 4    | 3    |        |
|             |                         |             |      |      |        |

**Total tested in 2013 - 13**



### API UT Examiners ( Phased Array)

| Year | Exam administration | CANDI-DATES | PASS | FAIL | PASS % |
|------|---------------------|-------------|------|------|--------|
| 2011 | July                | 5           | 4    | 1    | 80     |
|      | November            | 8           | 6    | 2    | 75     |
| 2012 | March               | 4           | 2    | 2    | 50     |
|      | November            | 6           | 4    | 2    |        |
| 2013 | January             | 1           | 1    | 0    |        |
|      | March               | 2           | 1    | 1    |        |
|      | April               | 6           | 5    | 1    |        |
|      | May                 | 4           | 4    | 0    |        |
|      | July                | 11          | 9    | 2    |        |
|      | September           | 3           | 3    | 0    |        |

**Total tested in 2013 - 31**

### API TES – Tank Entry supervisors.

| YEAR | EXAM ADMINISTRATION | CANDI-DATES | PASS | FAIL | PASS % | PASS POINT (OUT OF 120) |
|------|---------------------|-------------|------|------|--------|-------------------------|
| 2009 | March               | 78          | 42   | 36   | 53.9   | 86                      |
|      | September           | 91          | 60   | 31   | 65.9   | 86                      |
| 2010 | March               | 46          | 26   | 20   | 56.5   | 86                      |
|      | September           | 82          | 47   | 35   | 57.3   | 86                      |
| 2011 | March               | 139         | 62   | 77   | 44.6   | 86                      |
|      | September           | 121         | 47   | 74   | 38.8   | 86                      |
| 2012 | March               | 108         | 62   | 46   | 57.4   | 79                      |
|      | September           | 105         | 67   | 38   | 63.8   | 79                      |
| 2013 | March               | 70          | 38   | 32   | 54.3   | 75                      |
|      |                     |             |      |      |        |                         |

### API 936 - Refractory Personnel

| Year | Exam administration | CANDIDATES | PASS | FAIL | PASS % | PASS POINT (out of 75) |
|------|---------------------|------------|------|------|--------|------------------------|
| 2009 | March               | 42         | 40   | 2    | 95.2   | 51                     |
|      | September           | 67         | 46   | 18   | 68.7   | 51                     |
| 2010 | March (2)           | 82         | 53   | 29   | 64.6   | 51                     |
|      | May                 | 9          | 8    | 1    | 89.0   | 51                     |
|      | sept                | 77         | 53   | 24   | 68.8   | 51                     |
| 2011 | February            | 12         | 9    | 3    | 75     | 51                     |
|      | June                | 91         | 58   | 33   | 63.7   | 51                     |
|      | December            | 154        | 109  | 45   | 70.8   | 51                     |
| 2012 | June                | 117        | 87   | 30   | 74.4   | 51                     |
|      | December            | 141        | 102  | 39   | 72.3   | 51                     |
| 2013 | June                | 103        | 70   | 33   | 68.0   | 51                     |

### API 571

| Year | Exam administration | CANDIDATES | PASS | FAIL | PASS % | PASS POINT (out of 70) |
|------|---------------------|------------|------|------|--------|------------------------|
| 2007 | March               | 65         | 33   | 32   | 50.8   | 49                     |
|      | September           | 70         | 34   | 36   | 48.6   | 49                     |
| 2008 | March               | 72         | 26   | 46   | 36.1   | 49                     |
|      | September           | 64         | 16   | 48   | 25     | 49                     |
| 2009 | March               | 81         | 33   | 48   | 40.7   | 49                     |
|      | September           | 81         | 30   | 51   | 37     | 49                     |
| 2010 | March               | 75         | 34   | 41   | 45.3   | 49                     |
|      | September           | 84         | 43   | 41   | 51.2   | 49                     |
| 2011 | March               | 89         | 34   | 55   | 38.2   | 49                     |
|      | September           | 86         | 27   | 59   | 31.4   | 49                     |
| 2012 | March               | 102        | 28   | 74   | 27.5   | 49                     |
|      | September           | 127        | 37   | 90   | 29.1   | 49                     |
| 2013 | March               | 109        | 36   | 73   | 33.0   | 49                     |
|      | September           | 193        | 69   | 124  | 35.8   | 49                     |

### API 580

| Year        | Exam administration | CANDIDATES | PASS | FAIL | PASS % | PASS POINT (out of 70) |
|-------------|---------------------|------------|------|------|--------|------------------------|
| <b>2007</b> | March               | 30         | 18   | 12   | 60     | 49                     |
|             | September           | 87         | 68   | 19   | 78.2   | 49                     |
| <b>2008</b> | March               | 88         | 31   | 57   | 35.2   | 49                     |
|             | September           | 80         | 19   | 61   | 23.8   | 49                     |
| <b>2009</b> | March               | 97         | 45   | 52   | 46.4   | 49                     |
|             | September           | 91         | 47   | 44   | 51.6   | 49                     |
| <b>2010</b> | March               | 95         | 37   | 58   | 39.0   | 49                     |
|             | September           | 137        | 55   | 82   | 40.2   | 49                     |
| <b>2011</b> | March               | 140        | 49   | 91   | 35.0   | 49                     |
|             | September           | 147        | 59   | 88   | 40.1   | 49                     |
| <b>2012</b> | March               | 200        | 70   | 130  | 35.0   | 49                     |
|             | September           | 244        | 90   | 154  | 39.7   | 49                     |
| <b>2013</b> | March               | 238        | 91   | 147  | 38.2   | 49                     |
|             | September           | 319        | 138  | 181  | 43.3   | 49                     |

### API 577

| Year        | Exam administration | CANDIDATES | PASS | FAIL | PASS % | PASS POINT (out of 70) |
|-------------|---------------------|------------|------|------|--------|------------------------|
| <b>2008</b> | March               | 24         | 21   | 3    | 87.5   | 49                     |
|             | September           | 27         | 18   | 9    | 66.7   | 49                     |
| <b>2009</b> | March               | 26         | 18   | 8    | 69.2   | 49                     |
|             | September           | 20         | 12   | 8    | 60     | 49                     |
| <b>2010</b> | March               | 21         | 17   | 4    | 81.0   | 49                     |
|             | September           | 21         | 12   | 9    | 57.1   | 49                     |
| <b>2011</b> | March               | 33         | 19   | 14   | 57.6   | 49                     |
|             | September           | 29         | 14   | 15   | 48.3   | 49                     |
| <b>2012</b> | March               | 32         | 20   | 12   | 62.5   | 49                     |
|             | September           | 24         | 15   | 9    | 62.5   | 49                     |
| <b>2013</b> | March               | 38         | 21   | 17   | 55.2   | 49                     |
|             | September           | 54         | 36   | 18   | 66.7   | 49                     |

## **2013 HIGHLIGHTS**

### **Individual Certification Programs News:**

- Source Inspector certification program has launched – first exam administration November 2013
- UT exams are now administered every 2 months
- 571, 577 and 580 are now stand alone credentials
- API replaced paper-based application system with an online portal.
- Notarization is no longer required
- First administration of CBT is planned for March 2014