



Fire Sprinkler Technical Advisory Group Meeting Minutes

January 15, 2014 - 1:30 p.m. to 4:00 p.m.
Tacoma Fire Marshal's Office
3471 South 35th Street, Tacoma

In Attendance:

Tim Attebery (AGC)	Gordon Sansaver (Local 669)
Ron Greenman (Bates Tech - AFSA)	Steve Miller (Local 699)
Suzanne Mary (NFSA)	Steven Purdy (Local 669)
Scott Peterson (Local 699)	Kraig Stevenson (ICC)
Margaret O'Brien (Patriot)	Jason Napier (Bellingham Fire Marshal)
Dan Johnson (SFMO)	Anjela St. John (SFMO)
Humberto Rodriguez (SFMO)	

Future Meeting Schedule:

- Third Wednesday of the following months:
 - April 16, 2014
 - July 16, 2014
 - October 15, 2014

May need to reschedule the July meeting to November/December to avoid having a meeting in the summer when people are on vacation. Meetings will be scheduled to run from 1:30 p.m. to 4:00 p.m. The building that we've met in has been sold. Ron Greenman has offered to hold meetings at the Bates South Campus where parking isn't a problem.

New Business:

- 2014 Renewal Cycle – Dan Johnson**

The changes in the renewal cycle have been implemented and appear to be working well. The invoicing process has been the biggest change by only invoicing those that a license or certificate can be issued. We are about 85% through the renewal process.
- 2015 Renewal Cycle – Dan Johnson**

One idea that we're looking at implementing is to send the contractors a list of certificate holders around September to verify who is still working for the company and who the company will pay fees for. This will speed up the invoicing process.

If anyone has any suggestions for improving our process, send your comments to Dan Johnson or Humberto Rodriguez.

For the 2015 Sprinkler Fitter renewal cycle we're looking at sending out notices to the contractors and union to notify the fitters that renewal notices will be out and to contact the State Fire Marshal's Office if they don't receive one. The flyer will contain more details and contact information.

□ **2014 Legislative Session: Bellingham Fire Marshal Jason Napier**

Jason Napier (Bellingham Fire Marshal) and Kraig Stevenson (ICC) explained that legislation was introduced on January 15 – House Bill 2260. It allows for a new level of contractor specifically to install “Dwelling Unit Fire Sprinkler Systems” under the IRC standard.

This link will take you the proposed legislation:

<http://apps.leg.wa.gov/documents/billdocs/2013-14/Pdf/Bills/House%20Bills/2260.pdf>

The State Fire Marshal’s Office is neutral on the proposed legislation.

□ **WAC 212-80 Update: Dan Johnson**

Recorded with Code Revisers Office on 1-7-14; will be official 31 days after (2-7-14).
(Handout)

Explained the reason why the “For Design Only” (FDO) certificate was removed. We had received a number of complaints that permits (non residential) were being applied for with the FDO stamp and not the Fire Sprinkler Contractor’s certificate holders. The FDO certificate was not consistent with the requirement of RCW 18.160 where a certificate holder has to work for a contractor and only one contractor at a time.

The Licensing Section will begin working on a “Frequently Asked Question” guide that will be a companion to the WAC. If you have any suggestions to include, provide it to Dan Johnson at daniel.johnson@wsp.wa.gov

□ **2014 Fire Sprinkler Forum:**

Held in April 2013 at the Renton Community Center with 49 people attending. There was a 50-50 split to having the forum every year. The decision was to continue having the forum every other year. Will be looking to the sprinkler industry and AHJ for the 2015 Forum.

□ **Residential Sprinkler Educational Campaign**

Recap of the efforts in 2013;

- Ran the “Faces of Fire” public safety announcement during “Fire Prevention Week” (October 5 to 11, 2013) around the state on a number of different television stations.
- Conducted 13 presentations using the Residential Fire Sprinkler Demonstration Trailer.

Year	Number of Demonstrations
2010	9
2011	10
2012	14
2013	13
Total	46

- Provided the Washington State Fire Marshal’s Association \$3,500 in funds to sponsor a booth at the Seattle Home Show (January 2013).
- Designed and had constructed a prototype Sprinkler Prop that can be used for those events where the trailer isn’t available or the right tool. This prop is made to be displayed on a table top and show the simplistic nature of the system.

□ **Training:**

- Eighteen classes in 2013; attended by 309 persons.
- Thirteen classes in 2012; attended by 299 persons.

In 2014 looking to sponsor 22 classes to be held at locations around the state.

The proposed courses are:

<u>Course Title</u>	Hours	# of Classes
Fire Service Mains and Their Appurtenances (underground)	4	4
Introduction to Sprinkler Systems	4	2
NFPA 13 – Update	4	2
Design of Sprinkler Systems for Special Storage and High Pile Storage	8	2
Residential Sprinklers: Homes to High-Rise	8	2
Spacing and location of fire sprinklers NFPA 13, Chapter 8	8	2
Advanced Seismic Protection for Sprinkler Systems	4	2
Intermediate Seismic Protection for Sprinkler Systems	4	2
Sprinkler Plan Review Hydraulics and Acceptance Testing	16	2
NFPA - Preparation for the NICET test	16	2
	Total	22

The actual number of courses offered depends on the cost per class for instructors.

Timeline:

Request for Quotes – out by January 24, 2014

Review proposals – Award contracts February 14, 2014

First classes – March 2014 to May 2014; September to November 2014

□ **Sprinkler Examinations: Dan Johnson**

- Recap of the examinations taken since 2010.

Exam	Level 1			
	Tested	Pass	Fail	Pass %
2013	3	3	0	100
2012	8	0	8	0
2011	16	3	13	18.75
2010	4	0	4	0
Total	31	6	25	19.35

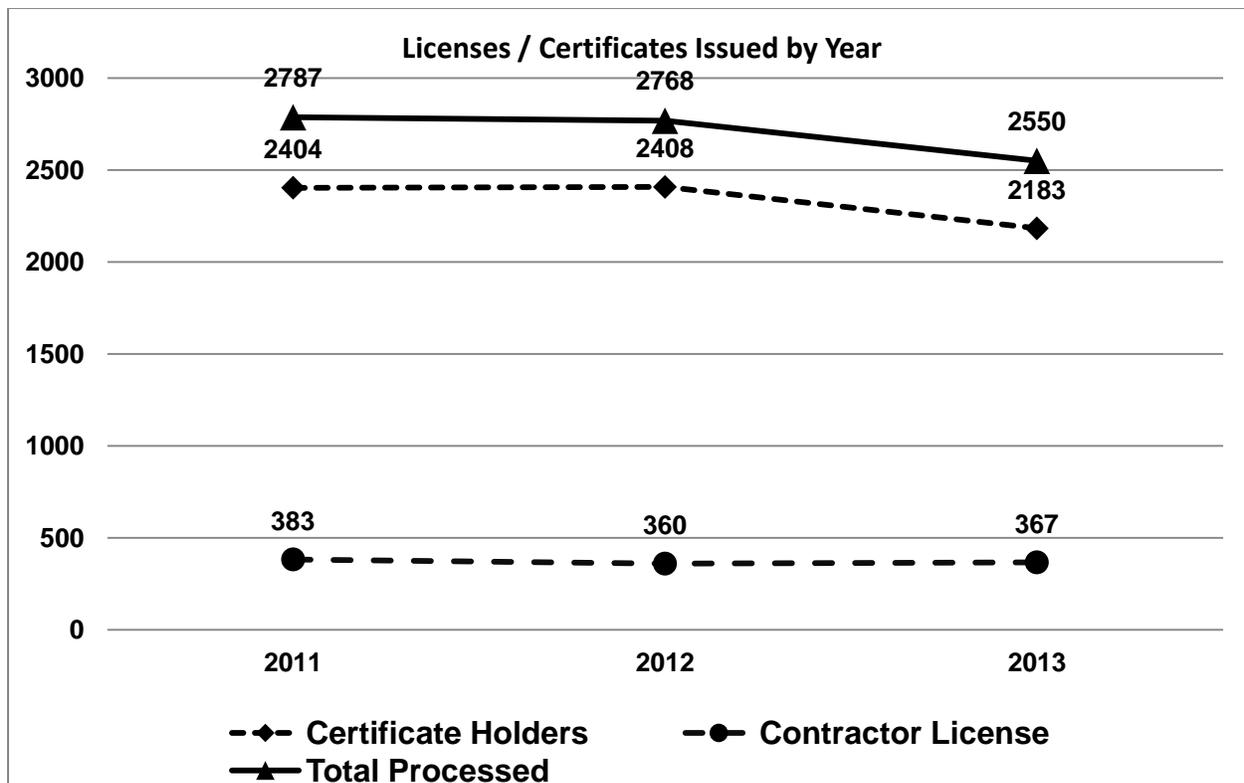
Exam	Journey Fitter			
	Tested	Pass	Fail	Pass %
2013	79	43	36	54.43
2012	65	34	31	52.31
2011	80	48	32	60.00
2010	1	0	1	0
Total	225	125	100	55.56

Exam	Level U			
	Tested	Pass	Fail	Pass %
2013	23	17	6	73.91
2012	33	24	9	72.73
2011	34	22	12	64.71
2010	40	23	17	57.50
Total	130	86	44	66.15

Exam	Residential Fitter			
	Tested	Pass	Fail	Pass %
2013	11	1	10	9.09
2012	4	0	4	0
2011	3	0	3	0
2010	0	0	0	0
Total	18	1	17	5.56

Fire Sprinkler Contractor Licenses and Certificates Issued:

Numbers current as of 12/31/13		2011 YTD	2012 YTD	2013 YTD
Certificate Holders	Level 1	94	77	74
	Level 2	11	8	7
	Level 3	248	249	253
	Level T 3	10	3	3
	Level U	243	231	237
	Level ITT	299	314	332
	Sprinkler Pipefitter	1499	1526	1277
	Total	2404	2408	2183
Contractor Licenses	Level 1	55	47	49
	Level 2	5	3	3
	Level 3	104	103	103
	Level U	203	190	196
	Level I & T	16	17	16
	Total	383	360	367
Total Processed Per Year		4175	6506	3859



The drop in sprinkler fitters between 2012 and 2013 was 249 certifications.

Contractor License Fund:

Fire Protection Contractor License Fund Monthly Revenues/Expenditures For the Period July 1, 2010 to Present						
Date Mo-Yr	Fiscal Month	Beginning Balance		Expenditures (Outflows)	Revenues (Inflows)	Ending Balance
July-13	1	848,029.56		50,488	2,870	800,411.15
August-13	2	800,411.15		50,195	6,010	756,226.54
September-13	3	756,226.54		47,556	979	709,649.13
October-13	4	709,649.13		89,001	68,979	689,627.02
November-13	5	689,627.02		83,983	231,748	837,392.41
December-13	6	837,392.41		54,827	121,640	904,205.41
January-14	7	904,205.41		54,827	27,980	877,358.41
February-14	8	877,358.41		54,827	10,820	833,351.41
March-14	9	833,351.41		54,826	7,750	786,275.41
April-14	10	786,275.41		54,826	0	731,449.41
May-14	11	731,449.41		54,824	19,380	696,005.41
June-14	12	696,005.41		54,824	5,510	646,691.41
July-14	13	646,691.41		99,274	6,760	554,177.41
August-14	14	554,177.41		62,473	2,100	493,804.41
September-14	15	493,804.41		62,473	2,850	434,181.41
October-14	16	434,181.41		66,223	117,890	485,848.41
November-14	17	485,848.41		70,033	209,880	625,695.41
December-14	18	625,695.41		62,473	103,780	667,002.41
January-15	19	667,002.41		62,477	23,260	627,785.41
February-15	20	627,785.41		62,476	5,240	570,549.41
March-15	21	570,549.41		62,479	15,060	523,130.41
April-15	22	523,130.41		62,482	11,480	472,128.41
May-15	23	472,128.41		62,482	5,880	415,526.41
June-15	24	415,526.41		62,483	5,820	358,863.41
Period				Expenditures	Revenue	Monthly Average Revenue
Fiscal Year 2005		1,328,091.31		467,152.00	412,258.00	34,354.83
Fiscal Year 2006		1,307,036.31		532,264.00	511,209.00	42,600.75
Fiscal Year 2007		1,285,323.31		552,700.00	530,987.00	44,248.92
Fiscal Year 2008		1,314,875.31		545,271.00	574,823.00	47,901.92
Fiscal Year 2009		1,273,766.02		657,248.00	616,216.00	51,351.33
Fiscal Year 2010		1,054,254.09		767,797.93	548,276.00	45,689.67
Fiscal Year 2011		1,042,071.28		536,532.81	524,350.00	43,695.83
Fiscal Year 2012		951,780.67		612,200.61	521,910.00	43,492.50
Fiscal Year 2013		848,029.56		626,335.78	522,584.67	43,548.72
Fiscal Year 2014		646,691.41		705,004.15	503,666.00	41,972.17
Fiscal Year 2015		358,863.41		797,828.00	510,000.00	42,500.00

Note: Fiscal reports are one month behind.