



Legislation Passed May 6, 2014

The Tacoma City Council, at its regular City Council meeting of May 6, 2014, adopted the following resolutions and/or ordinances. The summary of the contents of said resolutions and/or ordinances are shown below. To view the full text of the document, click on the bookmark at the left of the page.

Resolution No. 38897

A resolution awarding a contract to Ace Pipe Cleaning, Inc., in the amount of \$547,945.21, plus sales tax, budgeted from the Wastewater Fund, to inspect approximately 86,000 linear feet of 18-inch through 72-inch diameter wastewater sewer pipes using a combination of closed circuit television, laser profiling, and sonar profiling for the Wastewater Trunk Line Condition Assessment - Specification No. ES14-0026F.

[Geoffrey M. Smyth, P.E., Division Manager; Michael P. Slevin III, P.E., Director, Environmental Services]

Resolution No. 38898

A resolution authorizing the submittal of the 2014-2015 Annual Action Plan to the U.S. Department of Housing and Urban Development by the deadline of May 15, 2014.

[Shannon Johnson, Contract and Program Auditor; Ricardo Noguera, Director, Community and Economic Development]

Resolution No. 38899

A resolution declaring surplus and authorizing the conveyance of a .45-acre parcel of Tacoma Water property near the intersection of State Highway 165 and Ryan Road in Buckley, Washington, to the City of Buckley.

[Gloria Fletcher, Senior Real Estate Officer; Linda McCrea, Water Superintendent]

Resolution No. 38900

A resolution accepting the final report containing the recommendations of the 2014 Charter Review Committee.

[Doris Sorum, City Clerk; Elizabeth Pauli, City Attorney]

Resolution No. 38901

A resolution requiring background checks for firearm sales on City-owned and/or City-managed property; and directing the City Manager to put all necessary and appropriate procedures in place for said purpose.

[Kim Bedier, Director, Public Assembly Facilities]



RESOLUTION NO. 38897

1 A RESOLUTION related to the purchase of materials, supplies or equipment,
2 and the furnishing of services; authorizing the execution of a contract
3 with Ace Pipe Cleaning, Inc., in the amount of \$547,945.21, plus
4 applicable sales tax, budgeted from the ES Wastewater Fund, to
5 inspect approximately 86,000 linear feet of 18-inch through 72-inch
6 diameter wastewater sewer pipes, using a combination of closed circuit
7 television, laser profiling, and sonar profiling, for the Wastewater Trunk
8 Line Condition Assessment pursuant to Specification No. ES14-0026F.

9 WHEREAS the City has complied with all applicable laws and processes
10 governing the acquisition of those supplies, and/or the procurement of those
11 services, inclusive of public works, as is shown by the attached Exhibit "A,"
12 incorporated herein as though fully set forth, and

13 WHEREAS the Board of Contracts and Awards has concurred with the
14 recommendation for award as set forth in Exhibit "A"; Now, Therefore,

15 BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

16 Section 1. That the Council of the City of Tacoma concurs with the
17 Board of Contracts and Awards to adopt the recommendation for award as set
18 forth in the attached Exhibit "A."

19 Section 2. That the proper officers of the City are hereby authorized to
20 enter into a contract with Ace Pipe Cleaning, Inc., in the amount of \$547,945.21,
21 plus applicable sales tax, budgeted from the ES Wastewater Fund, to inspect
22 approximately 86,000 linear feet of 18-inch through 72-inch diameter
23 wastewater sewer pipes, using a combination of closed circuit television, laser
24
25
26



1 profiling, and sonar profiling, for the Wastewater Trunk Line Condition
2 Assessment pursuant to Specification No. ES14-0026F, consistent with
3 Exhibit "A."
4

5 Adopted _____
6

7 _____
8 Attest: Mayor

9 _____
10 City Clerk

11 Approved as to form:
12

13 _____
14 City Attorney
15
16
17
18
19
20
21
22
23
24
25
26



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
Geoffrey M. Smyth, P.E., Division Manager, Science and Engineering
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,
Joe Parris, Finance/Purchasing, and Rod Rossi, Project Manager
SUBJECT: Wastewater Trunk Line Condition Assessment, Request for Proposals Specification
No. ES14-0026F – May 6, 2014
DATE: April 21, 2014

SUMMARY:

The Environmental Services Department recommends a contract be awarded to Ace Pipe Cleaning, Inc., Kansas City, MO, in the amount of \$547,945.21, plus applicable sales tax, budgeted from the ES Wastewater Fund 4300, to inspect approximately 86,000 linear feet of 18-inch through 72-inch diameter wastewater sewer pipes using a combination of Closed Circuit Television, Laser Profiling, and Sonar Profiling for the Wastewater Trunk Line Condition Assessment.

STRATEGIC POLICY PRIORITY:

- Foster neighborhood, community, and economic development vitality and sustainability.

This project will allow the Wastewater Utility to determine the interior condition of many large diameter underground wastewater sewer pipes and plan for their systematic replacement or rehabilitation as needed. This will help avoid pipe failures which, if they were to occur, could result in environmental impacts to Commencement Bay and the Puget Sound.

BACKGROUND:

ISSUE: The wastewater sewer pipes inspected under this contract are anticipated to be at or near the end of their design life within the coming years. Many of these large diameter wastewater pipes are 100 years old and located in areas with limited access and, therefore, have never been inspected before the technology was available to complete this work. As part of the City's Asset Management Program, it is necessary to inspect these wastewater pipes to verify if they are truly in need of rehabilitation or replacement before failures occur. If failures of these lines occur, the result will be the overflow of untreated wastewater into the waters of Commencement Bay and the Puget Sound.

ALTERNATIVES: The Environmental Services Department considered using only traditional closed circuit television (CCTV) inspections, however, with new technology and the department's focus on Asset Management, it was determined that incorporating laser and sonar into the CCTV inspections would significantly increase the ability to determine the remaining pipe life via laser and sonar measurements of the existing pipe wall thicknesses. This additional information will allow the department to better determine which pipe segments require maintenance, rehabilitation or replacement.

COMPETITIVE SOLICITATION: Request for Proposals Specification No. ES14-0026F was opened February 11, 2014. Five companies were invited to bid in addition to normal advertising of the project. Three submittals were received.

<u>Respondent</u>	<u>Location (city and state)</u>	<u>Rank or Score</u>
Ace Pipe Cleaning, Inc.	Kansas City, MO	1
Redzone Robotics, Inc.	Pittsburgh, PA.	2
Hibbard Inshore, LLC.	Auburn Hills, MI	3



Pre-proposal budget: \$600,000.00

The recommended award will utilize up to the maximum project budget of \$600,000, including sales tax.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: This project will help in the determination of which large diameter wastewater sewer pipes are in most need of rehabilitation and replacement. This will allow for improved proactive replacement, rehabilitation, or maintenance to help avoid pipe failures which result in overflows of untreated wastewater into Commencement Bay and the Puget Sound.

SBE/LEAP COMPLIANCE: This project involves one category of work, inspection of wastewater sewer pipes. Since no reasonable opportunity for subcontracting exists, Tacoma’s SBE Office made the determination that SBE requirements would not apply to this project. The Local Employment and Apprenticeship Training Program (LEAP) goal is 428 hours.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to Ace Pipe Cleaning, Inc., in the amount of \$547,945.21, plus applicable sales tax, to inspect approximately 86,000 linear feet of 18-inch through 72-inch diameter wastewater sewer pipes using a combination of Closed Circuit Television, Laser Profiling, and Sonar Profiling for the Wastewater Trunk Line Condition Assessment.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME ¹	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT ²
ES Wastewater Fund 4300	IO 80018182	5310100	\$600,000.00
TOTAL			\$600,000.00

¹ General Fund: Include Department

² Including Sales Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT ²
ES Wastewater Fund 4300	IO 80018182	Rate Revenues	\$600,000.00
TOTAL			\$600,000.00

² Total Includes Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$600,000.00

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

Ordinance No. 28219

An ordinance amending Chapter 1.12 of the Municipal Code, relating to the Compensation Plan, to implement rates of pay and compensation for a new classification entitled Wastewater Treatment Plant Operator-in-Training, represented by the International Brotherhood of Electrical Workers, Local 483, Water Pollution Control Unit.

[Tara Schaak, Labor Negotiator; Joy St. Germain, Director, Human Resources]

Ordinance No. 28220

An ordinance amending Chapter 6B.60 of the Municipal Code, relating to Boilers - Engineers and Fireman Certificates, to provide an exemption for the operation of hot water boilers at the Central Treatment Plant.

[Hugh Messer, Interim Division Manager; Michael P. Slevin III, P.E., Director, Environmental Services]



RESOLUTION NO. 38898

1 A RESOLUTION relating to the City's Annual Action Plan for the U.S. Department
2 of Housing and Urban Development ("HUD"); authorizing the submittal of
the 2014-2015 Annual Action Plan to HUD by the deadline of May 15, 2014.

3 WHEREAS the 2014-2015 Annual Action Plan combines the submission of
4 applications for Community Development Block Grant ("CDBG"), HOME
5 Investment Partnership ("HOME"), and Emergency Solutions Grant ("ESG")
6 funding, and
7

8 WHEREAS the City is entitled to apply to the U.S. Department of Housing
9 and Urban Development ("HUD") for the following grants: (1) CDBG, \$2,234,295;
10 (2) HOME, \$1,074,335; and (3) ESG, \$189,688, and
11

12 WHEREAS the City intends to reallocate \$96,724 in existing CDBG funds
13 for projects under this Annual Action Plan, and

14 WHEREAS, because the City of Lakewood ("Lakewood") does not meet the
15 HUD formula requirements for it to apply for HOME funds independently, the City
16 and Lakewood formed a consortium in 1999 for the HOME program, and
17

18 WHEREAS the City's share of the HOME grant funds is expected to be
19 \$837,981, and Lakewood's share is \$236,354, and

20 WHEREAS the City intends to allocate \$360,748 of CDBG Funds and
21 \$754,182 in HOME Grant funds to the Tacoma Community Redevelopment
22 Authority for affordable housing programs, and
23

24 WHEREAS, during January and February 2014, the Tacoma Community
25 Redevelopment Authority and the Human Services Commission reviewed
26 applications for funding, heard presentations by agencies applying for funding, and



considered the historic performance of those agencies and the needs of the
community, and

WHEREAS staff presented funding recommendations at City Council Study
Session of March 18, 2014, and

WHEREAS a public hearing on the recommendations was held on April 22,
2014, and

WHEREAS the City Council is now requested to make its final funding
decisions for submittal to HUD; Now, Therefore,

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

That the proper officers of the City are hereby authorized to submit, by
May 15, 2014, the 2014-2015 Annual Action Plan to the U.S. Department of
Housing and Urban Development for funding for various agencies, said document
to be substantially in the form of the proposed plan on file in the office of the City
Clerk.

Adopted _____

Mayor

Attest:

City Clerk

Approved as to form:

Deputy City Attorney



RESOLUTION NO. 38899

1 A RESOLUTION relating to surplus property; declaring certain real property owned
2 by the Department of Public Utilities, Water Division (d.b.a. "Tacoma
3 Water"), consisting of an approximately .45-acre (19,514 square feet) parcel
4 of property near the intersection of State Highway 165 and Ryan Road in
5 Buckley, Washington, surplus to the needs of the City; and authorizing the
6 negotiated sale and conveyance of said property in fee simple to the City of
7 Buckley.

8 WHEREAS the City of Tacoma, Department of Public Utilities, Water
9 Division (d.b.a. "Tacoma Water"), owns a .45 acre (19,514 square feet) parcel of
10 property near the intersection of State Highway 165 and Ryan Road in Buckley,
11 Washington ("Property"), with an estimated market value of \$43,000, as more fully
12 described in the documents on file in the office of the City Clerk, and

13 WHEREAS the City of Buckley ("Buckley") has requested the Property to
14 help facilitate a road project, and

15 WHEREAS Tacoma Water has determined the Property is not needed for
16 current or future needs, and

17 WHEREAS Buckley has an outstanding 2012 damage claim with Tacoma
18 Water related to a storm water line that needed to be rerouted after Buckley relied
19 on inaccurate records supplied by Tacoma Water, and

20 WHEREAS, in order to resolve this 2012 damage claim, Tacoma Water
21 has agreed to subtract the sum of \$28,488, which represents a portion of the
22 additional costs related to rerouting the storm water line, from the estimated
23 market value of the Property, resulting in net proceeds of \$14,512, and

24 WHEREAS, on March 12, 2014, by adoption of Public Utility Board
25 Resolution No. U-10678, the Property was declared surplus to the needs of
26



Tacoma Water and approved for sale, pending confirmation from the City Council,
and

WHEREAS, pursuant to Tacoma Municipal Code 1.12.229, the Director of Utilities for the Department of Public Utilities shall approve all claims against the Department up to \$30,000, and the Director has approved the release and settlement of the claim by the City of Buckley against the Department, valued at \$28,488, pending confirmation of the conveyance of the Property by the City Council, and

WHEREAS City Council held a Public Hearing on April 8, 2014, as required by state law, to allow the public to comment on the proposed sale, and

WHEREAS, there being no foreseeable need for continued ownership of the Property by Tacoma Water, a declaration of surplus and negotiated disposition of the Property in fee simple to the City of Buckley appears to be in the best interests of the City, pending final approval from the City Council; Now, Therefore,

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

Section 1. That the approximately .45-acre (19,514 square feet) parcel of property near the intersection of State Highway 165 and Ryan Road in Buckley, Washington ("Property"), owned by the City of Tacoma, Department of Public Utilities, Water Division (d.b.a. "Tacoma Water"), is not essential to the needs of the City and is hereby declared surplus property pursuant to RCW 35.22.020 and Article I, Section 1.2, and Article IX of the Tacoma City Charter.



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

Section 2. That the proper officers of the City are hereby authorized to enter into a negotiated sale and conveyance of said Property in fee simple to the City of Buckley, said document to be substantially in the form of the Agreement on file in the office of the City Clerk.

Adopted _____

Mayor

Attest:

City Clerk

Approved as to form:

Chief Deputy City Attorney

Requested by Public Utility Board
Resolution No. U-10678



RESOLUTION NO. 38900

1 A RESOLUTION relating to the City Charter; accepting the final report containing
2 the recommendations of the 2014 Charter Review Committee.

3 WHEREAS the existing City Charter was adopted in 1953, and, pursuant to
4 Section 2.25 of the City Charter, a comprehensive review of the City Charter shall
5 occur no less frequently than once every ten years, by appointing citizens to a
6 Charter Review Committee, and

7 WHEREAS the last comprehensive review occurred in 2004, and

8
9 WHEREAS, on November 12, 2013, the City Council adopted Resolution
10 No. 38773, creating a Charter Review Committee ("Committee"), which would
11 consist of 15 individuals, to begin a comprehensive review of the City Charter and
12 make recommendations for changes it deemed necessary and proper to improve
13 the mode and manner of operation and efficiency in conducting the affairs of the
14 City, and
15

16 WHEREAS the Mayor and each City Council Member recommended one
17 individual for appointment to the Committee, and the Government Performance
18 and Finance Committee recommended the appointment of six individuals, and

19 WHEREAS the Committee and its five subcommittees met a total of
20 approximately 59 times, between January and April, to complete its work, and

21
22 WHEREAS Resolution No. 38773 provides that the Committee shall submit
23 its final report and recommendations to the City Council on or before May 6, 2014;

24 Now, Therefore,
25
26



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

That the City Council does hereby accept the final report containing the
recommendations of the 2014 Charter Review Committee, said report to be
substantially in the form of the document on file in the office of the City Clerk.

Adopted _____

Mayor

Attest:

City Clerk

Approved as to form:

City Attorney



RESOLUTION NO. 38901

1 BY REQUEST OF MAYOR STRICKLAND, DEPUTY MAYOR WOODARDS, AND
2 COUNCIL MEMBER MELLO

3 A RESOLUTION relating to firearms; requiring background checks for firearm sales
4 on City-owned and/or City-managed property.

5 WHEREAS the City Council adopted a Strategic Policy Priority to strengthen
6 and support public safety, human services, public education, and diverse
7 higher-learning opportunities in the City, and

8 WHEREAS the City's Gang Reduction Project implementation plan includes
9 the objective of creating a safer environment in the City by reducing youth/gang
10 member access to and involvement in gun possession and crime, to include
11 reducing access to weapons, utilizing gun removal strategies, and educating the
12 community around gun safety and control, and

13 WHEREAS the City Council desires that all firearm sales associated with
14 events that occur on property owned and/or managed or operated by the City in the
15 City's proprietary capacity, including sales by sellers who are not federally licensed
16 firearm dealers, be subject to a condition that the transaction can be completed only
17 in instances where the buyer has first successfully cleared a background check;
18

19 Now, Therefore,
20

21 BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

22 That the City Council hereby directs the City Manager to put all necessary
23 and appropriate administrative procedures in place to ensure that any and all
24 contracts, use permits, or other agreements relating to use of facilities owned
25 and/or managed or operated by the City of Tacoma in the City's proprietary
26



capacity, include a requirement for successful completion of a background check
prior to any firearm sale, purchase, or transfer, including where the seller is not a
federally licensed firearm dealer.

Adopted _____

Mayor

Attest:

City Clerk

Approved as to form:

City Attorney



ORDINANCE NO. 28219

1 AN ORDINANCE relating to the Compensation Plan; amending Section 1.12.355
2 of the Tacoma Municipal Code; and declaring the effective dates thereof to
3 implement rates of pay and compensation and changes in classifications
4 for employees represented by the International Brotherhood of Electrical
5 Workers, Local 483, Water Pollution Control Unit.

6 WHEREAS Resolution No. 38336, adopted September 27, 2011,
7 authorized the execution of the 2011-2014 Collective Bargaining Agreement
8 ("CBA") between the City of Tacoma and International Brotherhood of Electrical
9 Workers, Local 483, Water Pollution Control Unit ("Union"), on behalf of the
10 employees represented by said Union, and

11 WHEREAS the City and the Union have negotiated a Letter of
12 Understanding which provides for a new classification entitled "Wastewater
13 Treatment Plant Operator-in-Training," which will provide an opportunity for
14 qualified, skilled, and interested applicants to receive necessary training and
15 development, in combination with existing education and training, for obtaining
16 certification from the Washington State Department of Ecology ("WSDOE") as a
17 Wastewater Treatment Plant Operator, Level I, and

18 WHEREAS the Public Employment Relations Commission clarified that
19 the new classification is to be included in said Union, pursuant to Decision
20 11999, and

21 WHEREAS all provisions in the current CBA will apply to the Wastewater
22 Treatment Plant Operator-in-Training classification, except that Operators-in-
23 Training will not be eligible for standby assignments or bidding to other
24 locations, and
25
26



WHEREAS employees who successfully complete the probationary period and training and secure the Wastewater Treatment Plant Operator, Level I certification from the WSDOE within prescribed timelines may compete for any vacant position in the Wastewater Treatment Plant Operator classification, pursuant to the Civil Service Rules, and

WHEREAS City Council authorization is required to implement rates of pay and compensation for classifications within the collective bargaining agreement that has been negotiated with the Union on behalf of its represented employees; Now, Therefore,

BE IT ORDAINED BY THE CITY OF TACOMA:

Section 1. That Section 1.12.355 of the Tacoma Municipal Code is hereby amended, effective as provided by law, to read as follows:

Code	Title	1	2	3
5094	WWTP Operator-in-Training	24.13	25.55	26.97

Section 2. That Section 1 of this ordinance shall become effective as provided by law.

Passed _____

Mayor

Attest:

City Clerk

Approved as to form:

Deputy City Attorney



ORDINANCE NO. 28220

1 AN ORDINANCE relating to the City's License Code; amending Section 6B.60.060
2 of the Tacoma Municipal Code to provide an exemption for the operation of
hot water boilers located at the Central Treatment Plant.

3 WHEREAS Substitute Ordinance No. 26951, passed on April 30, 2002,
4 required all employers within the City of Tacoma with industrial types of boilers to
5 possess boiler operator certification through the training program offered by Bates
6 Technical College, subject to certain listed exemptions, and
7

8 WHEREAS the training for the types of boiler systems used at the Central
9 Treatment Plant is included in the standard training that an operator undergoes to
10 achieve wastewater operator certification, including testing in the certification exam,
11 and
12

13 WHEREAS these types of boiler systems have been used safely and
14 effectively for decades by certified wastewater operators, are a mainstay of the
15 business, and have a history of performance and safety, and
16

17 WHEREAS the systems used primarily to heat secondary sludge for the dual
18 digestion process at the Central Treatment Plant ("CTP") are low-pressure, hot
19 water boilers, and
20

21 WHEREAS the CTP boiler systems are highly automated and monitored by
22 the plant's control system, with automated alarms, as well as programmed
23 shutdowns and isolation of boilers, in the event of failures, and
24

25 WHEREAS, among the exemptions currently set forth in the Tacoma
26 Municipal Code ("TMC"), smaller boiler systems and those that are regularly
inspected by Factory Mutual Global Insurance Company ("Factory Mutual"), which



is the City's insurance company and which regularly inspects the CTP, are exempt
1 from certification, and

2 WHEREAS the CTP boilers are operated by City personnel who have
3 Washington State Department of Ecology Wastewater Treatment Plant certification,
4 and who also receive training from the City on the safe operation of the boilers;
5

6 Now, Therefore,

7 BE IT ORDAINED BY THE CITY OF TACOMA:

8 That Section 6B.60.060 of the Tacoma Municipal Code is hereby amended
9 to read as set forth in the attached Exhibit "A."
10

11 Passed _____
12

13 _____
Mayor

14 Attest:
15

16 _____
City Clerk
17

18 Approved as to form:
19

20 _____
Deputy City Attorney
21
22
23
24
25
26



Chapter 6B.60

Boilers – Engineers and Firemen Certificates

Sections:

- 6B.60.010 Certificate required, renewal, and expiration.
- 6B.60.020 Scope and definitions.
- 6B.60.030 Classes of certificates.
- 6B.60.040 Plant capacity change.
- 6B.60.050 Reciprocity.
- 6B.60.060 Exemptions from certificate requirements.
- 6B.60.070 Operating rules and regulations.
- 6B.60.080 Mandatory attendance requirements for operating engineers and boiler firemen.
- 6B.60.090 Duties of certified operating engineers and boiler firemen.
- 6B.60.100 Unlawful interference with the certificate holder.
- 6B.60.110 Penalties.

* * *

6B.60.060 Exemptions from certificate requirements.

The following installations shall not require a certified operator:

- A. Any boiler or steam engine subject to federal regulations;
- B. Heating boilers in Group R, Division 1 occupancies of less than six units; Group R, Division 3 occupancies; and Group M occupancies, as defined in the Building Code, as now or hereafter amended;
- C. Low-pressure hot water, low-pressure steam, and hot water supply boiler plants having inputs of less than 2,500,000 Btu per hour;
- D. Any boiler having an input of less than 100,000 Btu per hour and a maximum pressure of 100 psi or less;
- E. Potable water heaters;
- F. Any boiler not subject to reinspection by the Washington State Boiler Code; and
G. Any wastewater treatment plant low-pressure hot water heating boiler maintained and operated as directed by a person with a Wastewater Operator Certificate Group II or above.

Boiler operator certificates shall not be required for any person in charge of, or operating, the following:

- A. Any boiler or steam engine subject to federal regulations;
- B. Any boiler not subject to reinspection by the Washington State Boiler Code;
- C. Low-pressure hot water, low-pressure steam, and hot water supply boiler plants having inputs of less than 2,500,000 Btu per hour;
- D. Any boiler having an input of less than 100,000 Btu per hour and a maximum pressure of 100 psi or less;
- E. Potable water heaters;
- F. Any boiler plant exceeding an aggregate of 500 million Btu per hour input, when the following are also in place:
 - 1. The facility has a boiler operator training program commensurate with the size of its operation;
 - 2. Degreed engineers supervise the maintenance and operation of the boiler plant; and
 - 3. An independent authorized inspector, such as a Factory Mutual Global Insurance Company, regularly inspects boiler plant maintenance and operation.

* * *