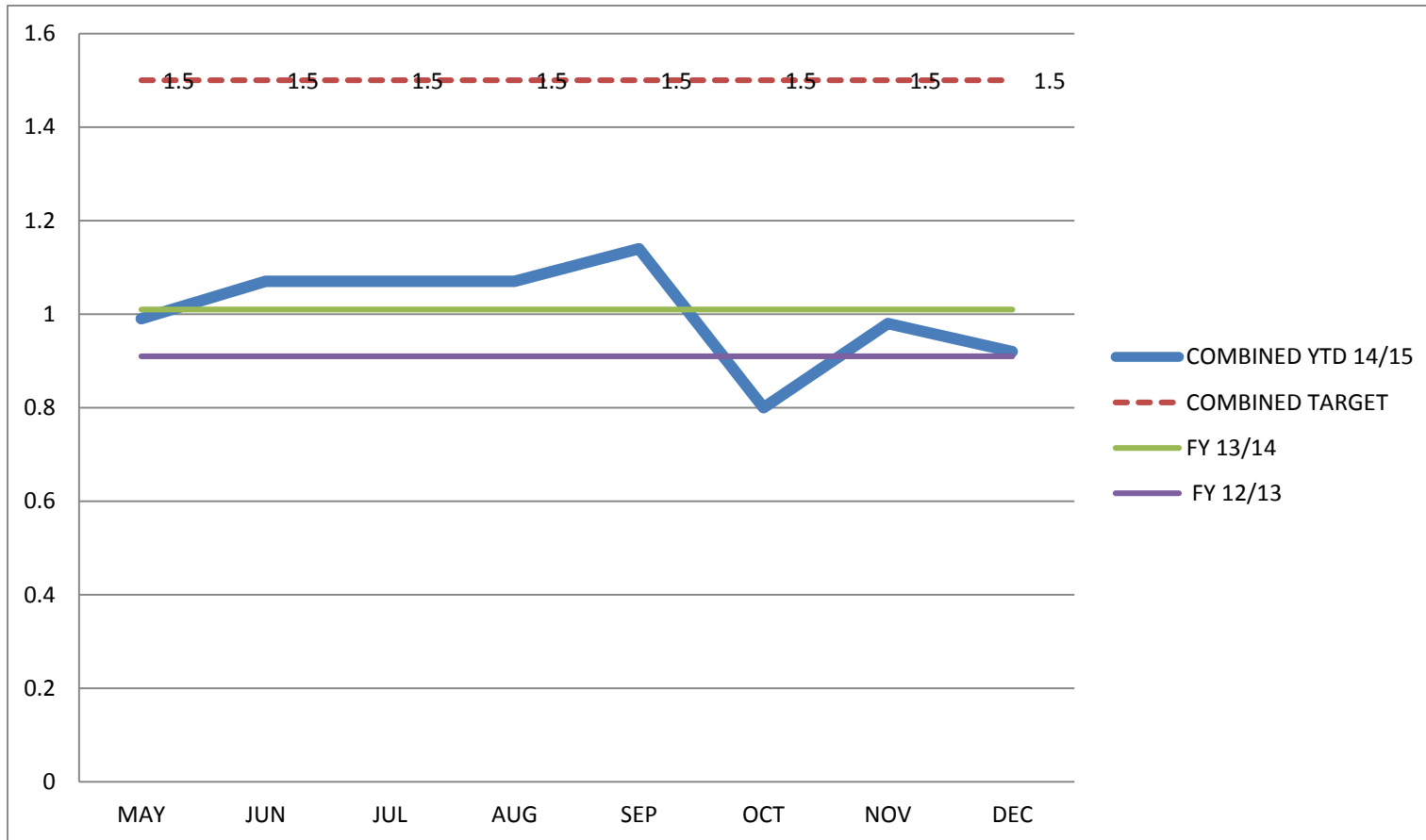


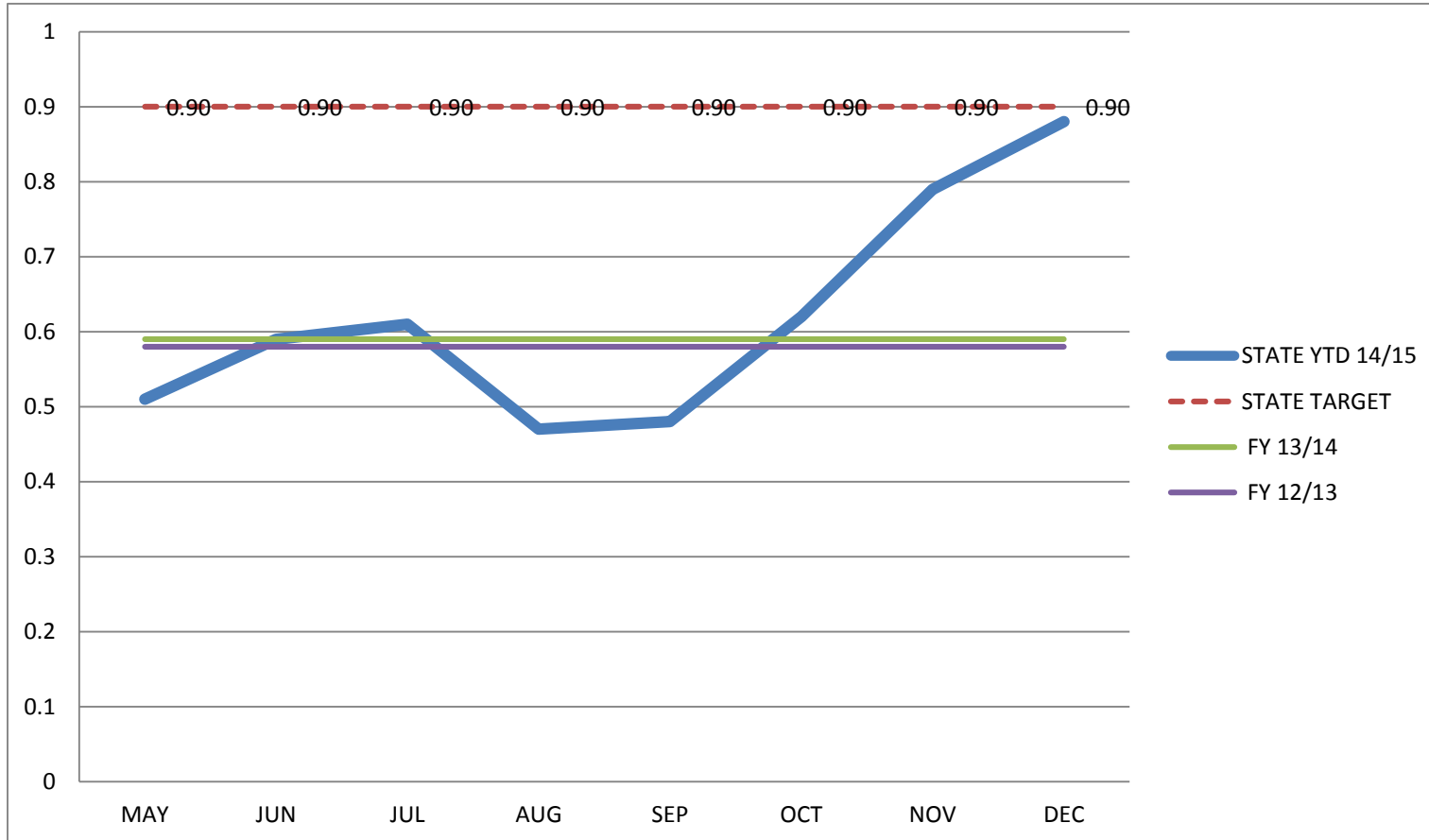
## YTD (Year-To-Date) Performance Report

<b>Bureau</b>	<b>Boiler Safety Bureau</b>				
<b>Date</b>	<b>1-27-2015</b>				
<b>Period</b>	<b>FY 14/15 - 3<sup>rd</sup> Quarter</b>				
<b>Obj. #</b>	<b>Objective</b>	<b>Standard</b>	<b>YTD Actual</b>	<b>YTD Status</b>	<b>Comments</b>
1.1	Combined State and insurance inspection backlog of items due 30 days after certificate of inspection expiration.	Backlog $\leq$ 1.5%	<b>0.92%</b>		
1.2	State inspection backlog of items due 30 days after certificate of inspection expiration.	Backlog $\leq$ 0.90%	<b>0.88%</b>		
1.3	% of follow-up inspections of pressure retaining equipment for which violations were identified by State inspectors.	$\geq$ 95% within 90 days	<b>98%</b>		
1.4	Develop a training program for the safe operation of historical boilers.	Program developed in accordance with Chapter 95, Article 7B			Complete
1.5	Conduct training for inspection staff. Include in-service and new construction related curriculum.	Conduct training twice a year in Spring and Fall	<b>1</b>		June 5-6, 2014 Scheduled May 19-20, 2015
2.1	Input of hard copy inspection reports into the data system.	$\leq$ 5 days	<b>100%</b>		
3.1	Conduct bureau S&H committee meetings.	At least quarterly	<b>3</b>		Mar 11, June 12, Sep 9, Dec 5 (2014)
3.2	Site inspections are conducted of Bureau controlled spaces in accordance with the S&H Policies using appropriate reporting forms.	At least quarterly	<b>3</b>		Mar 11, June 12, Sep 9, Dec 5 (2014)
3.3	S&H Policy 9 is reviewed with supervisors and staff.	Annually	<b>All Staff</b>		Done on June 6, 2014.
3.4	Follow prescribed procedures for investigating and reporting injuries, occupational illnesses, violence or criminal activity.	Investigate and report as required by policy			Two incidents this FY. Mark Hutchens automobile accidents.
	<b>YTD Status</b>				
	Meeting or exceeding standard				
	Not meeting standard				
	Objective on hold or no longer valid				

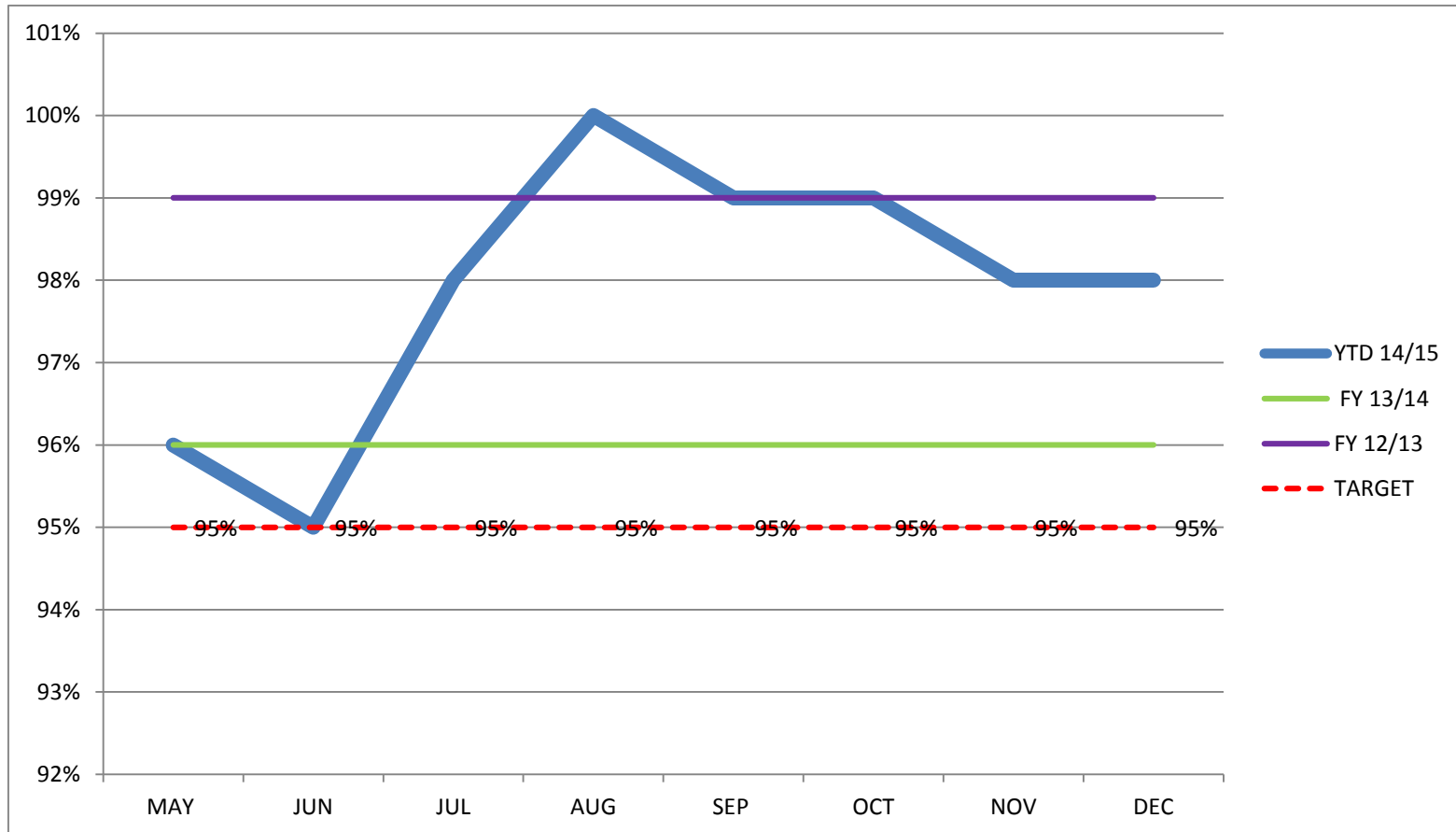
# COMBINED INSPECTION BACKLOG > 30 DAYS



# STATE INSPECTION BACKLOG > 30 DAYS



## THE PERCENT OF STATE VIOLATIONS WITH FOLLOW UP INSPECTIONS CONDUCTED WITHIN 90 DAYS



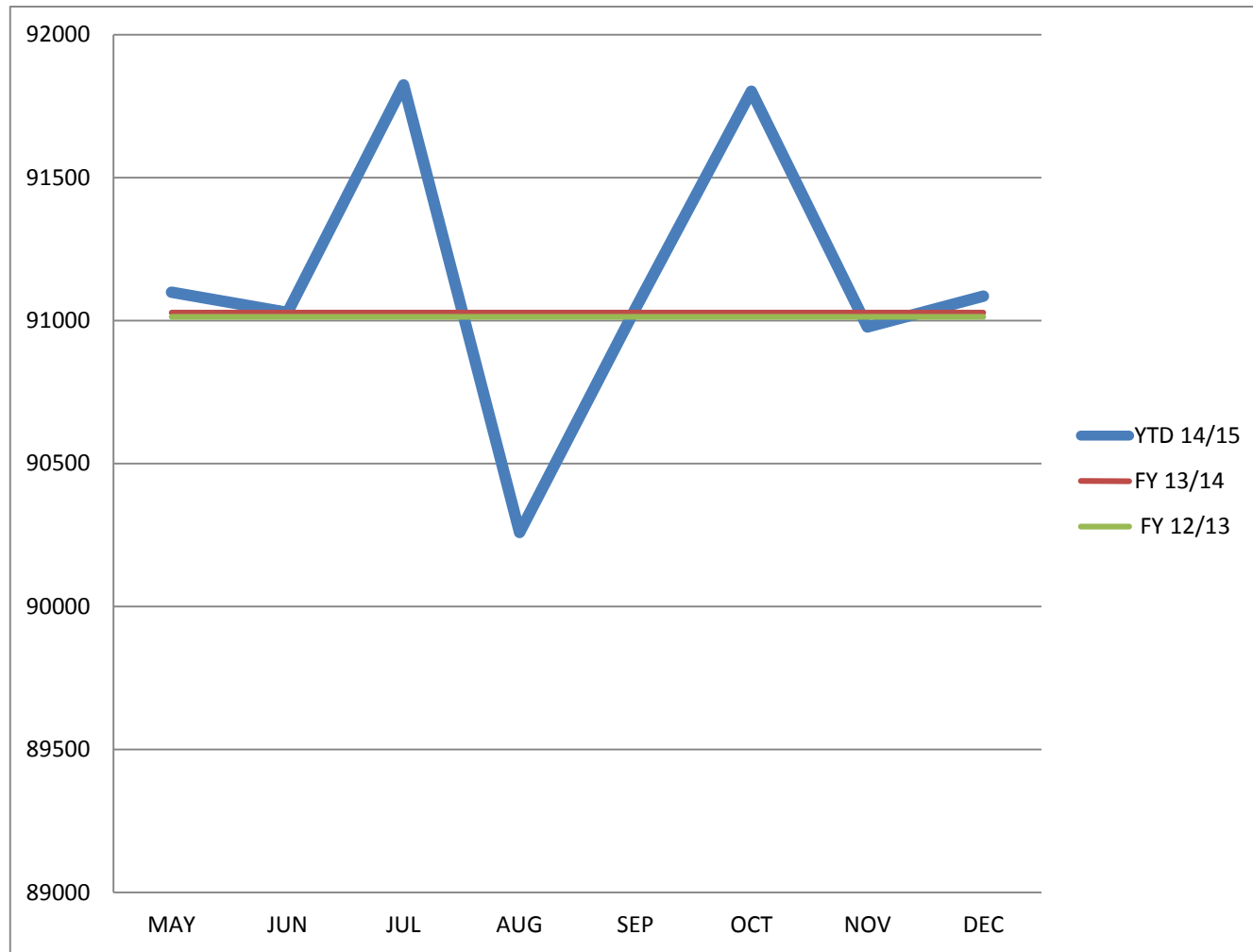
# INSPECTOR STATISTICS THROUGH THE THIRD QUARTER 14/15

<u>Inspector Name</u>	New location Visits (YTD)	% of F/U Inspections conducted within 90 Days (YTD)	% of Objects Expired (YTD)
Bailey	<b>62</b>	<b>100%</b>	<b>0.34%</b>
Johnson	<b>127</b>	<b>100%</b>	<b>0.43%</b>
Smith	<b>50</b>	<b>100%</b>	<b>3.07%</b>
Gunto	<b>151</b>	<b>91%</b>	<b>0.17%</b>
Kidd	<b>170</b>	<b>100%</b>	<b>1.52%</b>
Kirkland	<b>200</b>	<b>80%</b>	<b>1.09%</b>
Harrell	<b>204</b>	<b>100%</b>	<b>0.02%</b>
Sims	<b>130</b>	<b>100%</b>	<b>0.40%</b>
Snuffer	<b>147</b>	<b>100%</b>	<b>0.52%</b>
Parker	<b>128</b>	<b>100%</b>	<b>0.27%</b>
Payne	<b>50</b>	<b>100%</b>	<b>1.31%</b>
Vacant	<b>13</b>	<b>100%</b>	<b>1.13%</b>
Hutchens	<b>72</b>	<b>100%</b>	<b>0.75%</b>
Kirkman	<b>164</b>	<b>100%</b>	<b>0.19%</b>
Totals	<b>1668</b>	<b>98%</b>	<b>0.80%</b>

# INSURANCE INSPECTION STATISTICS THROUGH THE THIRD QUARTER 14/15

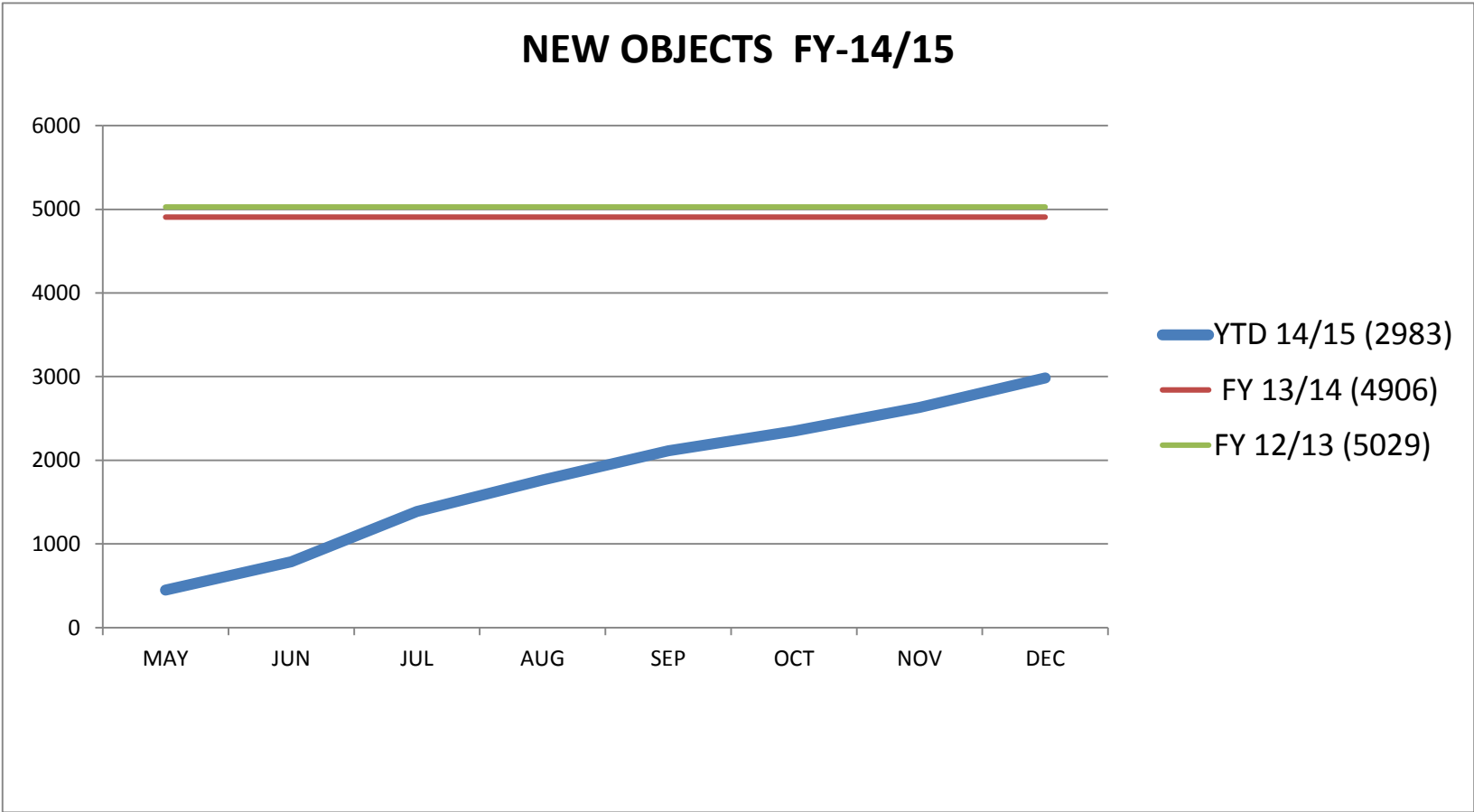
	Total # Insurance Objects	% of Objects Expired 14/15 (YTD)	% of Objects Expired 13/14	% of Objects Expired 12/13
Arise Inc	3687	0.23%	0.16%	0.26%
Chubb	1717	0.20%	0.58%	0.77%
Cincinnati	1692	1.59%	1.86%	1.78%
CNA	1265	0.16%	2.16%	0.99%
FM Global	14606	1.00%	1.49%	0.63%
HSB	17268	2.42%	3.25%	2.53%
HSB-CT	575	1.39%	0.35%	0.00%
Liberty Mutual	1918	0.30%	0.37%	0.90%
OneCis	1161	0.35%	0.29%	0.00%
Starr Indemnity	625	1.08%	7.62%	1.50%
Travelers	7866	0.78%	1.24%	1.86%
XL America	1396	1.07%	1.65%	3.19%
Zurich	6668	2.04%	1.88%	0.70%
Totals:	60444	0.97%	1.76%	1.16%

# TOTAL OBJECTS REGISTERED IN NORTH CAROLINA THROUGH THE THIRD QUARTER 14/15



**NEW OBJECTS REGISTERED IN NORTH CAROLINA**

(All new objects inspected by BSB)

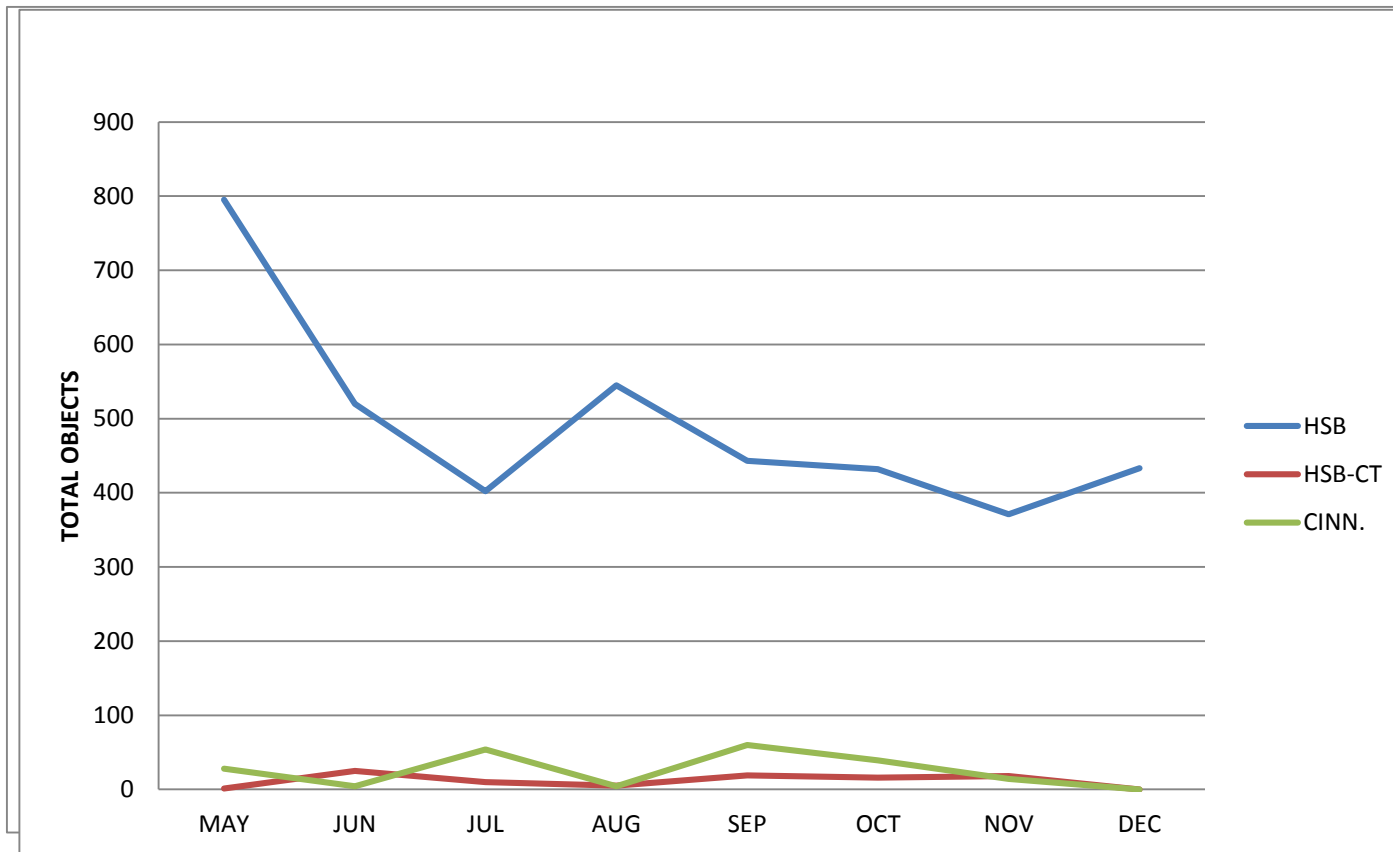




## **STAFF STATISTICS**

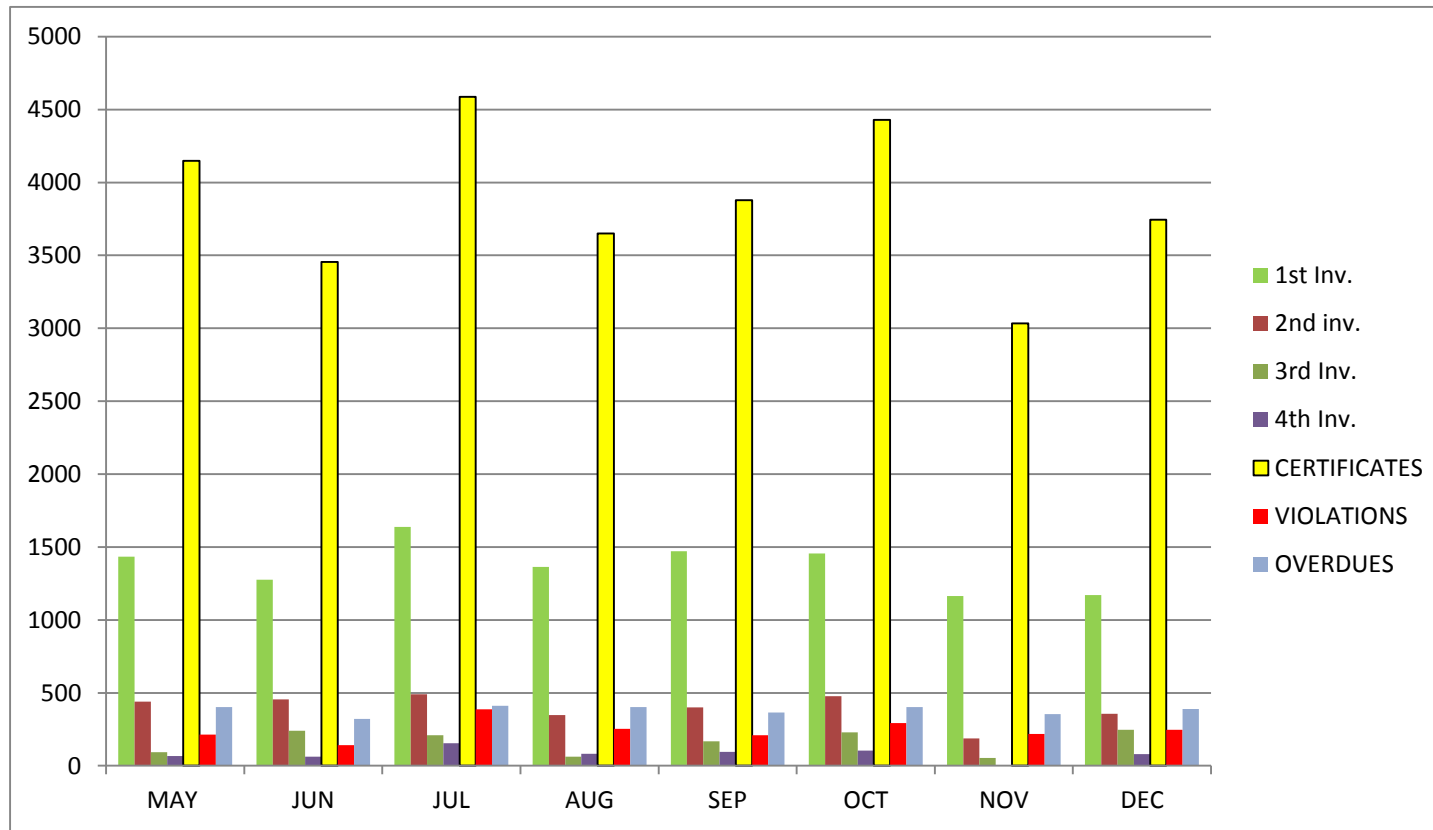
### **Hard Copy Reports - Third Quarter 14/15**

100% of hard copy reports were processed by staff within 5 days of receipt.



# STAFF STATISTICS

## Print Jobs - Third Quarter 14/15



## **STAFF STATISTICS**

### Penalty Worksheets

<b>Item</b>	<b>FY 13/14</b>	<b>3rd Qtr. FY-14/15</b>
<b>Penalty worksheets delivered</b>	131	72
<b>Invoices Paid</b>	24	11
<b>Total Payments</b>	\$1,175	\$530
<b>Total Businesses Closed</b>	23	22
<b>Total New Owners</b>	8	10
<b>Total Outstanding Invoices</b>	166	107

Process: The staff reviews inspections due each month and send penalty work sheets to each inspector for location that they will visit. The inspector delivers the work sheet and returns a copy to staff. The status of the invoice is tracked.

## **SHOP ACTIVITY AND INCOME THROUGH THE THIRD QUARTER 2014/2015**

<b><u>Shop Companies</u></b>	<b>FY 13/14</b>	<b>3rd Quarter FY14/15</b>	<b>VISITS</b>
A C Corp	\$2,090		
Buckeye	\$32,919	\$19,989	61
Controls SE	\$11,363	\$4,245	10
Ristoflex	\$34,243	\$7,001	13
Edwards	\$29,118	\$10,470	23
Fab Associates	\$23,886	\$13,178	36
GEH	\$43,469	\$20,119	29
IMS Fabrication	\$3,974	\$1,933	4
Isometrics	\$3,774	\$2,968	5
Morris	\$29,556	\$22,232	59
Ramco	\$8,710	\$4,727	13
Salisbury Machinery	\$3,049	\$859	2
Southern Industrial	\$2,951	\$5,228	12
<b>TOTALS:</b>	\$229,102	\$112,949	267

## **AUDITS AND REVIEWS**

<b>Type of Activity</b>	<b>How Many</b>	<b>Income</b>
R Stamp Reviews	13	\$9,685
Audits	18	\$15,405

## **BOILER SAFETY BUREAU**

### **INCOME AND EXPENSES**

<b>2014-2015</b>	<b>October</b>	<b>November</b>	<b>December</b>
<b>Monthly Receipts</b>	<b>\$165,602.32</b>	<b>\$147,724.68</b>	<b>\$155,535.84</b>
<b>Monthly Expenses</b>	<b>\$160,412.29</b>	<b>\$156,714.83</b>	<b>\$154,790.50</b>
<b>BD 701 Net</b>	<b>\$ 5,190.03</b>	<b>\$ (8,990.15)</b>	<b>\$ 745.34</b>
<b>Begin Balance</b>	<b>\$ 114,950.46</b>	<b>\$120,140.49</b>	<b>\$111,150.34</b>
<b>Cash Balance</b>	<b>\$ 120140.49</b>	<b>\$111,150.34</b>	<b>\$111,895.68</b>
<b>2013-2014</b>	<b>October</b>	<b>November</b>	<b>December</b>
<b>Monthly Receipts</b>	<b>\$174,882.70</b>	<b>\$143,417.31</b>	<b>\$171,467.90</b>
<b>Monthly Expenses</b>	<b>\$160,989.94</b>	<b>\$181,822.44</b>	<b>\$156,518.33</b>
<b>BD 701 Net</b>	<b>\$ 13,892.76</b>	<b>\$ (38,405.13)</b>	<b>\$ 14,949.57</b>

December 2014 Boiler Billings & Collections by Year							
Year	Billed	Collected	%	Written Off	%	Uncollected	%
2000	\$ 1,518,540.00	\$ 1,516,320.00	.999	\$ 2,220.00	.001	\$ .00	.000
2001	\$ 1,797,982.00	\$ 1,791,852.00	.997	\$ 6,130.00	.003	\$ .00	.000
2002	\$ 1,659,237.00	\$ 1,654,072.00	.997	\$ 5,165.00	.003	\$ .00	.000
2003	\$ 1,720,585.00	\$ 1,715,270.00	.997	\$ 5,315.00	.003	\$ .00	.000
2004	\$ 1,581,096.00	\$ 1,574,676.00	.996	\$ 6,420.00	.004	\$ .00	.000
2005	\$ 1,603,917.00	\$ 1,587,012.00	.989	\$ 16,905.00	.011	\$ .00	.000
2006	\$ 1,999,090.50	\$ 1,976,674.50	.989	\$ 22,416.00	.011	\$ .00	.000
2007-08	\$ 2,030,111.00	\$ 2,016,532.36	.993	\$ 13,578.64	.007	\$ .00	.000
2008-09	\$ 2,098,260.00	\$ 2,062,684.00	.983	\$ 35,576.00	.017	\$ .00	.000
2009-10	\$ 2,038,720.00	\$ 2,012,723.00	.987	\$ 11,450.00	.006	\$ 14,547.00	.007
2010-11	\$ 2,027,031.09	\$ 2,012,805.09	.993	\$ 9,385.00	.005	\$ 4,841.00	.002
2011-12	\$ 2,053,544.50	\$ 2,046,098.50	.996	\$ .00		\$ 7,446.00	.004
2012-13	\$ 2,064,907.86	\$ 2,114,071.96	102.4	\$ .00		(\$49,164.10)	N/A
2013-14	\$ 2,075,054.74	\$ 2,082,999.58	100.4	\$ 120.00	.000	(\$ 8,064.84)	N/A
2014-15	\$ 999,281.60	\$ 1,010,105.88	101.1	\$ .00		(\$10,824.28)	N/A
Totals	\$27,267,358.29	\$27,173,896.87	.997	\$134,680.64	.005	(\$41,219.22)	N/A

**Note for Billings and Collections by Year:**

Figures beginning with 2007-08 to present reflect full-year Jurisdiction Online figures, and are based on the fiscal year July 1 – June 30.

## OUTSTANDING BOILER INVOICES FOR DECEMBER 2014

TOTAL		OUTSTD 1-30 DAYS...	OUTSTD 1-30 DAYS.....	OUTSTD 31-60 DAYS...	OUTSTD 31-60 DAYS.....	OUTSTD 61-90 DAYS...	OUTSTD 61-90 DAYS.....	OUTSTD 91-120 DAYS...	OUTSTD 91-120 DAYS....	OUTSTD > 120 DAYS...	OUTSTD > 120 DAYS.....
INSPECTIONS FEE.....											
2,249	\$197,453.14	689	\$94,053.60	248	\$30,593.00	146	\$14,671.12	86	\$8,316.00	1,080	\$49,819.42
	Percentage		52%		15%		7%		2%		24%

### Boiler Invoiced and Received

#### July 1, 2013 – December 31, 2013

<u>Invoiced</u>	<u>Received</u>	102.8%*	<u>Uncollected</u>	N/A
\$1,005,586.58	\$1,033,988.52		(\$28,401.94)	

#### July 1, 2014 – December 31, 2014

<u>Invoiced</u>	<u>Received</u>	101.1%*	<u>Uncollected</u>	N/A
\$999,281.60	\$1,010,105.88		(\$10,824.28)	

#### January 1, 2013 – December 31, 2013

<u>Invoiced</u>	<u>Received</u>	101.2%*	<u>Uncollected</u>	N/A
\$2,079,944.27	\$2,105,635.77		(\$25,691.50)	

#### January 1, 2014 – December 31, 2014

<u>Invoiced</u>	<u>Received</u>	99.5%*	<u>Uncollected</u>	.5%
\$2,068,629.76	\$2,059,116.94		\$9,512.82	

**Note: Received/Collected amounts in reports on both pages could include payments from prior billing period(s) and cause receipt overages.**

\*Rounded

\*\*Includes write-off amount

### 2015 Upcoming Expenditures

Item	Comments	Estimated Cost
<b>Training</b>		
Training in May = High Pressure Boilers Inspection	National Board to present training.	\$3,000
Training in Fall = Weld Inspection	Focus on repair/alteration inspection and ASME new construction. 3 days for 18 people.	\$30,000
Coley – In Service Commission	NB paying for travel and lodging.	
Smith – A and N endorsements	Work at GEH in Wilmington	
Payne and Kidd – NS endorsements	NS needed due to Given retirement.	
		\$6,400
<b>Equipment</b>		
Computers/printers for eastern inspectors		\$10,207
ASME/NB Code books	2015 Editions issued July 2015 and mandatory January 2016 Have to be reviewed before mandatory date.	\$4,200
Multi-Gas Detectors (confined space entry)	RAE-II currently in use is discontinued. Service ends 2016.	\$5,800
UT meters	Have not replaced defective units. Over 10 years since purchase.	\$2,000
Borosopes	Used on small openings when internal is required.	\$2,000
Weld inspection tools	Over 10 years since purchase. New employees don't have them.	\$3,000
Physicals and eye exams	Based on 2013 cost and 18 inspectors vs. 17.	\$8,500
		<b>\$75,017</b>



## SEVEN INCIDENTS INVESTIGATED

DATE	LOCATION	DESCRIPTION
06-17-14	Smithfield Packing - Tarheel	Non-regulated hot water storage tanked failed.
07-14-14	Stanley Furniture - Robbinsville	Wood feed clogged caused explosion. Serious burns to 2 employees.
09-31-14	Parker Titan, Salisbury	Fire side explosion. No injuries, significant boiler damage. Combustion controls failed.
10-15-14	Guilford School Admin - Greensboro	Carbon Monoxide leak. Eyes burning and odor, but no hospitalization.
10-20-14	Filtec – Tabor City	Owner built manifold/pressure vessel from PVC pipe. Serious injuries.
11-09-14	Winston Weaver Co. – Winston Salem	Feed pump failed and boiler overheated. No injuries.
01-15-15	Unifirst - Wilmington	LWFCO failed, boiler overheated and failed. No injuries.

### SMITHFIELD PACKING



STANLEY FURNITURE

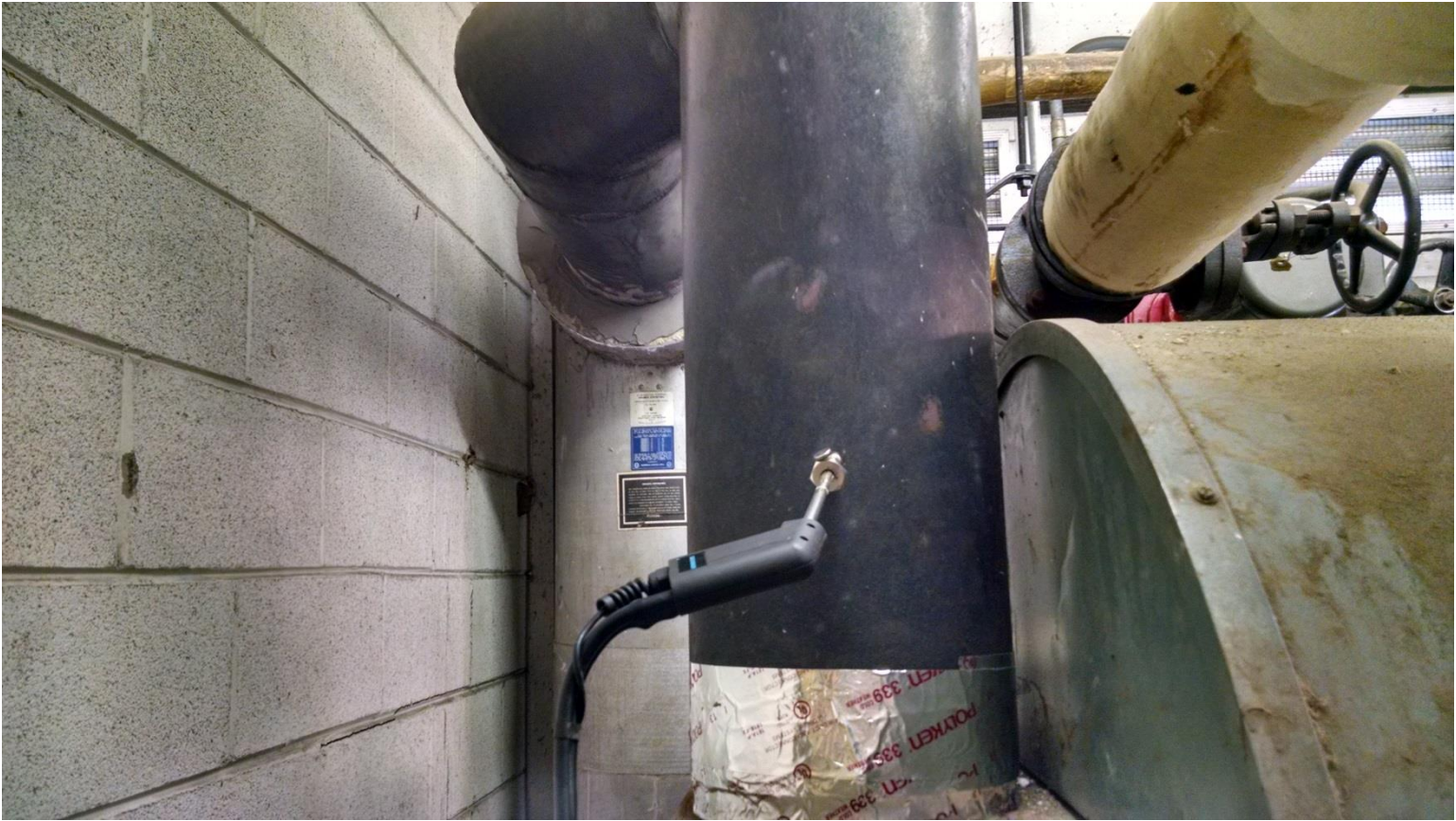


PARKER TITAN





GUILFORD SCHOOL ADMIN BUILDING





FILTEC



UNIFIRST, WILMIINGTON JANUARY 15, 2015

