

Board of Boiler Rules
November 7, 2019
Boiler AIA's, Inspectors & Objects
Licensing Statistics

| AUTHORIZED INSPECTION AGENCIES | FY '19 | FY '18 |
|---------------------------------------|---------------|---------------|
| NEW | 0 | 1 |
| RENEWED | 1 | 6 |
| | | |
| TOTAL | 24 | 25 |

| INSPECTORS | FY '19 | FY '18 |
|-------------------|---------------|---------------|
| NEW | 1 | 16 |
| RENEWED | 2 | 250 |
| | | |
| TOTAL | 255 | 246 |

| BOILER EQUIPMENT | FY '19 | FY '18 |
|----------------------------------|---------------|---------------|
| Total Boilers Insured | 39,489 | 38,833 |
| Total Boilers Uninsured | 13,400 | 13,786 |
| *Total Boilers Registered | 53,262 | 53,016 |

| CERTIFICATES & REGISTRATIONS | FY '19 | FY '18 |
|---|---------------|---------------|
| New Object Inspections | 274 | 2,657 |
| Subsequent Inspections | 1,943 | 17,818 |
| | | |
| New Certificates Issued | 243 | 2,444 |
| Subsequent Certificates Issued | 2,140 | 17,523 |
| Total Certificates Issued | 2,387 | 19,976 |

*Does not include Texas Pending Objects

BOARD OF BOILER RULES

Enforcement Division Staff Report

November 7, 2019

Case Highlights

CPS J.K. Spruce Power Plant – BLR20190012416

On or about August 14, 2019, Respondent entered into an Agreed Order against an owner/operator CPS – J.K. Spruce Power Plant. CPS was found to have failed to file for an extension on an internal inspection in a timely manner and operating the boiler with an expired certificate of operation. Respondent agreed to submit water treatment records to the Department and to have an internal inspection prior to the expiration of the extension certificate. The administrative penalty was paid in full.

Key Statistics

Shown below are key statistics for the Boilers program and for all TDLR programs combined for Fiscal Year 2019.

| <u>Statistic</u> | <u>BLR</u> | <u>TDLR</u> |
|--|-------------------|--------------------|
| • • Number of cases opened: | 5 | 10,902 |
| • • Number of cases resolved: | 5 | 10,113 |
| • • Number of Final Orders: | 3 | 1,887 |
| • • Total amount of penalties assessed: | \$7,750 | \$3,394,345 |
| • • Total amount of penalties collected: | \$7,750 | \$1,731,554 |

Shown below are key statistics for the Boilers program and for all TDLR programs combined for Fiscal Year 2018.

| <u>Statistic</u> | <u>BLR</u> | <u>TDLR</u> |
|--|-------------------|--------------------|
| • Number of cases opened: | 11 | 10,585 |
| • Number of cases resolved: | 9 | 9,833 |
| • Number of Final Orders: | 0 | 2,037 |
| • Total amount of penalties assessed: | 0 | \$3,209,055 |
| • Total amount of penalties collected: | 0 | \$1,528,594 |



BOARD OF BOILER RULES

NOVEMBER 7TH, 2019

BOILER EXAMINATION STATISTICS

(AS OF SEPTEMBER 30TH, 2019)

| 2020 | SEP | OCT | NOV | Q1 | DEC | JAN | FEB | Q2 | MAR | APR | MAY | Q3 | JUN | JUL | AUG | Q4 | TOT |
|-------|--------|--------|-------|--------|--------|--------|--------|--------|------|------|-------|-------|-------|--------|------|-------|--------|
| Pass | 1 | - | - | 1 | - | - | - | 0 | - | - | - | 0 | - | - | - | 0 | 1 |
| Fail | 0 | - | - | 0 | - | - | - | 0 | - | - | - | 0 | - | - | - | 0 | 0 |
| Total | 1 | - | - | 1 | - | - | - | 0 | - | - | - | 0 | - | - | - | 0 | 1 |
| Rate | 100.0% | 0.0% | 0.0% | 100.0% | 00.0% | 0.0% | 0.0% | 00.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| 2019 | SEP | OCT | NOV | Q1 | DEC | JAN | FEB | Q2 | MAR | APR | MAY | Q3 | JUN | JUL | AUG | Q4 | TOT |
| Pass | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4 |
| Fail | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 3 |
| Total | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 7 |
| Rate | 0.0% | 0.0% | 50.0% | 50.0% | 100.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 50.0% | 0.0% | 33.3% | 57.1% |
| 2018 | SEP | OCT | NOV | Q1 | DEC | JAN | FEB | Q2 | MAR | APR | MAY | Q3 | JUN | JUL | AUG | Q4 | TOT |
| Pass | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 4 | 0 | 0 | 2 | 2 | 3 | 2 | 0 | 5 | 12 |
| Fail | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 3 | 5 |
| Total | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 4 | 0 | 0 | 4 | 4 | 5 | 2 | 1 | 8 | 17 |
| Rate | 0.0% | 100.0% | 0.0% | 100.0% | 0.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% | 50.0% | 50.0% | 60.0% | 100.0% | 0.0% | 62.5% | 70.6% |

**Boiler Advisory Board
November 7, 2019 Inspection Statistics**

| | FY 2018 10/31/17 thru <u>03/21/18</u> | FY 2018 03/22/18 thru <u>06/12/18</u> | FY 2018 06/13/18 thru <u>11/8/18</u> | FY 19 11/8/18 thru <u>10/25/19</u> |
|---|--|--|---|---|
| <u>Special Inspections</u> | | | | |
| Total Special Inspections Conducted | 110 | 68 | 245 | 205 |
| ASME Joint Reviews | 89 | 59 | 119 | 156 |
| National Board Joint Reviews | 94 | 62 | 120 | 196 |
| All Joint Reviews (by location) | 107 | 64 | 199 | 150 |
| State Issued Certificate of Authorization | 1 | 0 | 0 | 3 |
| Other Special Investigations (Texas Specials) | 2 | 4 | 6 | |

| | FY 2018 10/31/17 thru <u>03/21/18</u> | FY 2018 03/22/18 thru <u>06/12/18</u> | FY 2018 06/13/18 thru <u>11/8/18</u> | FY 19 11/8/18 thru <u>10/25/19</u> |
|---|--|--|---|---|
| <u>Owner/Operator Requests and Notifications</u> | | | | |
| Total Extensions Processed | 971 | 332 | 673 | 1,819 |
| Total Variances Processed | 8 | 13 | 18 | 654 |
| Total Re-Stampings Processed | 6 | 5 | 13 | 3 |
| Total Boiler Installation Reports Processed | 1054 | 498 | 1414 | 1521 |
| Total Temporary Operating Boiler Permits Processed | 285 | 261 | 459 | 265 |

| <u>Inspections Completed (includes Certificate Inspection as well as Non-Certificate Inspections)</u> | FY 2018 10/31/17 thru <u>03/21/18</u> | FY 2018 03/22/18 thru <u>06/12/18</u> | FY 2018 06/13/18 thru <u>11/8/18</u> | FY 19 11/8/18 thru <u>10/25/19</u> |
|--|--|--|---|---|
| Total Number of Boilers Inspected | 7,083 | 4,905 | 11,200 | 28,773 |
| Total Number of Boilers Inspected by TDLR | 2,017 | 1,347 | 3,248 | 7,542 |
| Total Number of Boilers Inspected by AIAs | 5,066 | 3,558 | 7,952 | 21,231 |

| <u>Active Boilers</u> | <u>As of 3/21/18</u> | <u>As of 6/12/18</u> | <u>As of 11/8/18</u> | <u>As of 10/25/19</u> |
|---|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| Total Active Boilers | 52,988 | 52,953 | 53,020 | 53,282 |
| Total Boilers Assigned to TDLR | 13,805 | 13,237 | 13,330 | 13,274 |
| Total Boilers Assigned to AIAs | 38,801 | 39,188 | 39,486 | 39,676 |
| Total Pending Responsibility Change | 382 | 528 | 204 | 332 |
| Total Overdue Boilers | 1,894 | 1,503 | 1,636 | 1,332 |
| Total Overdue Boilers Assigned to TDLR | 217 | 147 | 96 | 388 |
| Total Overdue Boilers Assigned to AIAs | 1,641 | 1,329 | 1,524 | 974 |
| Total Overdue Boilers Pending Responsibility Change | 36 | 27 | 16 | 20 |
| Total Boilers Assigned to inspection agency Under Rule §65.91 | 0 | 3 | 0 | 150 |

REGULATORY PROGRAM MANAGEMENT DIVISION REPORT

Board of Boiler Rules Meeting

November 7, 2019 10:30 A.M.

Organizational Changes

- Inspection Specialist William Vanhook and Deputy Boiler Inspector Joey Burgess both attended training and passed the required exam earning the ASME and National Board Team Leader Certifications. With these two gentlemen obtaining these credentials, TDLR now has 6 ASME and National Board Team Leaders which is more than ever in our history.

Public Outreach – Trainings, Attendance at Industry and Association Meetings and other outreach activities

- Chief Inspector Rob Troutt attended: ASME Code Week the weeks of Oct 27 through October 31; National Board, Board of Trustees Meetings the weeks of Oct. 7, 2019 as well as the National Board Jurisdictional Chief Boilers Inspectors meeting from Oct. 8 through the 11th. Chief Inspector Troutt is the Chairman of the Subcommittee for NBIC, Repairs and Alterations, a member of ASME Conformity Assessment, ASME Section IV Main Committee and Subgroups Welded Boilers and Water Heaters, the Chair of ASME Section VI Main Committee and a Member at Large for the National Board, Board of Trustees.

Inspection Statistics have been provided in the attached.