JURISDICTIONAL INSPECTIONS
INTEGRITY & ETHICS

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Please Note the fine print

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WHY DO WE PERFORM JURISDICTIONAL INSPECTIONS

- Public Safety
  - Accidents
  - Injuries
  - Loss of Life
- Mandated by Law
  - Identify Violations
- Service *(Insurance Industry & Third Party Inspection)*

HISTORY

- National Board Incident Reports
  - Tracked
    - Accidents
    - Injuries
    - Deaths
  - Objects Tracked
    - Power Boilers
    - Heating Boilers Steam
    - Heating Boilers Water
    - Unfired Pressure Vessels

- Items Tracked
  - Safety Vales
  - Low-Water Condition
  - Limit Controls
  - Improper Installation
  - Improper Repair
  - Faulty Design or Fabrication
  - Operator Error
  - Poor Maintenance
  - Burner Failure
  - Unknown
HISTORY

- National Board Violation Reports
  - 2001 – Present
  - Track
    - Boiler Controls
    - Boiler Piping
    - Data Report/Nameplate
    - Boiler Components
    - Pressure Relieving Devices for Boilers
    - Pressure Vessels
    - Repairs & Alternations
<table>
<thead>
<tr>
<th>INCIDENTS VS. VIOLATIONS</th>
<th>TWELVE YEARS OF INCIDENTS</th>
<th>NINE YEARS OF VIOLATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accidents</strong></td>
<td>26,490</td>
<td>160,854</td>
</tr>
<tr>
<td></td>
<td>2208/year</td>
<td>17,872/year</td>
</tr>
<tr>
<td><strong>Injuries</strong></td>
<td>832</td>
<td>61,920</td>
</tr>
<tr>
<td></td>
<td>69/year</td>
<td>6,880/year</td>
</tr>
<tr>
<td><strong>Deaths</strong></td>
<td>140</td>
<td>88,163</td>
</tr>
<tr>
<td></td>
<td>12/year</td>
<td>9,795/year</td>
</tr>
<tr>
<td><strong>Boiler Controls</strong></td>
<td>5,529</td>
<td>75,801</td>
</tr>
<tr>
<td></td>
<td>614/year</td>
<td>8,422/year</td>
</tr>
<tr>
<td><strong>Boiler Piping &amp; Other Systems</strong></td>
<td>87,478</td>
<td>88,163</td>
</tr>
<tr>
<td></td>
<td>97,20/year</td>
<td>9,795/year</td>
</tr>
<tr>
<td><strong>Data Report / Nameplate</strong></td>
<td>11,801</td>
<td>61,920</td>
</tr>
<tr>
<td></td>
<td>13,11/year</td>
<td>6,880/year</td>
</tr>
<tr>
<td><strong>Pressure Reliving/Boilers</strong></td>
<td>88,163</td>
<td>5,529</td>
</tr>
<tr>
<td></td>
<td>9,795/year</td>
<td>614/year</td>
</tr>
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</table>
## INCIDENTS VS. VIOLATIONS 2001-2003

<table>
<thead>
<tr>
<th>Incidents</th>
<th>Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accidents</td>
<td>Total Violations</td>
</tr>
<tr>
<td></td>
<td>130,468</td>
</tr>
<tr>
<td>Injuries</td>
<td>43,489/year</td>
</tr>
<tr>
<td>Deaths</td>
<td>Violations/Accident</td>
</tr>
<tr>
<td></td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>8/year</td>
</tr>
<tr>
<td></td>
<td>Violations/Injury</td>
</tr>
<tr>
<td></td>
<td>665</td>
</tr>
<tr>
<td></td>
<td>221/year</td>
</tr>
<tr>
<td></td>
<td>Violations/Death</td>
</tr>
<tr>
<td></td>
<td>5,218</td>
</tr>
<tr>
<td></td>
<td>1,739/year</td>
</tr>
</tbody>
</table>

- **Accidents**: 5,371 (1,790/year)
- **Injuries**: 196 (65/year)
- **Deaths**: 25 (8/year)

## INTEGRITY & ETHICS

- **What does this mean**
- **How do we practice it**
NATIONAL BOARD EXAM

- ASME Code
- National Board Inspection Code
- Jurisdiction Laws & Regulations
- On the Job Training
- Practice Exams
- Classes

YOUR FIRST JURISDICTIONAL INSPECTION

- Proud
- Enthusiastic
- Conscientious
- Frightened
YOUR FIRST JURISDICTIONAL INSPECTION

- TOOLS
  - Coveralls
  - Boiler Hammer
  - Clipboard
  - Flashlight
  - Screw Driver
  - Inspection Mirror
  - State Inspection Form
  - ASME Code
  - NBIC
  - Jurisdictional Regulations
OUTSIDE INFLUENCES

- Good representative of your company
- Good representative of the jurisdiction
- Ensuring safety to the public
- People have their equipment prepared for inspection
- Sufficient time to complete a thorough inspection and build a relationship
- You have other duties outside of jurisdictional inspections

JURISDICTIONAL INSPECTIONS TODAY

- Proud
- Enthusiastic
- Conscientious
- Confident
JURISDICTIONAL INSPECTION
PAST vs. TODAY

TOOLS
- Coveralls
- Boiler Hammer
- Clipboard
- Flashlight
- Screw Driver
- Inspection Mirror
- State Inspection Form
- NBIC
- Jurisdictional Regulations

TOOLS
- Coveralls
- Clipboard
- Flashlight
- Inspection Mirror
- Confined Space Equipment
- Lock Out Tag Out Equipment
- Borescope
- Computers or Tablet Computers
NBIC TODAY

- Three Sections
  - Availability
    - Hardcopy
    - Electronically
    - Through IHS (Information Handling Service)
  - Inspection Section
    - Technical Information
    - Inspection requirements
  - National Board Web Site
    - Commissioned Inspectors
      - Inspection Guides
      - Topics of Interest
OUTSIDE INFLUENCES

- Good representative of your company
- Good representative of the jurisdiction
- Ensuring safety of the public
- Equipment is not prepared for inspection
- It takes longer to prepare for inspection
- You have other duties outside of jurisdictional inspections
- There is more work and less time to complete
- You don’t feel you have sufficient time to do the inspection and you are not building a relationship
- You are not comfortable with the new technologies
### NEGATIVE RESULTS OF INFLUENCES

- Complacency
- Taking short cuts
- Not following inspection requirements
- Inspections with no one present but you
- Compromise safety
- Falsifying reports
- Missing violations
- Higher potential for incidents

### HOW CAN WE HELP

- Become part of the solution
  - Is there more work than one person can do properly?
  - Does the person need technology training?
- Annual Inspection Code of Conduct Training
- Audits
  - Required by Quality Assurance Manual (NB369)
  - Complete as a joint visit & provide feedback
- Talk with the jurisdiction
  - Some jurisdictions are doing audits
  - Are you getting results?
I Chose To Look The Other Way

I could have saved a life that day,
But I chose to look the other way.
I could have saved a life that day,
But I chose to look the other way.

It wasn't that I didn't care,
I had the time, and I was there.
But I didn't want to seem a fool,
Or argue over a safety rule.
I knew he'd done the job before,
If I called it wrong, he might get sore.
The chances didn't seem that bad,
I've done the same, he knew I had.
So I shook my head and walked on by,
He knew the risks as well as I.
And with that act, I let him die.

But I chose to look the other way.

Now every time I see his wife,
I'll know I should have saved his life.
That guilt is something I must bear,
But it isn't something you need to share.
If you see a risk that others take,
That puts their health or life at stake.
The question asked, or thing to say,
Could help them live another day.
If you see a risk and walk away,
Then hope you never have to say,
I could have saved a life that day,
But I chose to look the other way.

Author Unknown