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
INCIDENTS VS. VIOLATIONS
TWELVE YEARS OF INCIDENTS

- Accidents
  - 26,490
  - 2,208/year
- Injuries
  - 832
  - 69/year
- Deaths
  - 140
  - 12/year

INCIDENTS VS. VIOLATIONS
NINE YEARS OF VIOLATIONS

- Boiler Controls
  - 160,854
  - 17,872/year
  - 8,422/year
- Boiler Piping & Other Systems
  - 87,478
  - 97,20/year
- Data Report / Nameplate
  - 11,801
  - 13,11/year
- Boiler Components
  - 75,801
  - 8,422/year
- Pressure Reliving/Boilers
  - 88,163
  - 9,795/year
- Pressure Vessels
  - 61,920
  - 6,880/year
- Repairs & Alterations
  - 5,529
  - 614/year
INCIDENTS VS. VIOLATIONS 2001-2003

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

**Violations**
- Total Violations
  - 130,468
  - 43,489/year
- Violations/Accident
  - 24
  - 8/year
- Violations/Injury
  - 665
  - 221/year
- Violations/Death
  - 5,218
  - 1,739/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

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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.
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.
If I called it wrong, he might get sore.
The chances didn't seem that bad,
He knew the risks as well as I.
So I shook my head and walked on by.

I could have saved a life that day,
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