



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*)

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Loss Control
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HISTORY

- National Board Incident Reports
 - 1992 – 2003
 - 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

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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 & Alterations

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INCIDENTS VS. VIOLATIONS TWELVE YEARS OF INCIDENTS

- Accidents
 - 26,490
 - 2208/year
- Injuries
 - 832
 - 69/year
- Deaths
 - 140
 - 12/year

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INCIDENTS VS. VIOLATIONS NINE YEARS OF VIOLATIONS

- Boiler Controls
 - 160,854
 - 17,872/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

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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

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INTEGRITY & ETHICS

- What does this mean
- How do we practice it

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NATIONAL BOARD EXAM

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

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YOUR FIRST JURISDICTIONAL INSPECTION

- Proud
- Enthusiastic
- Conscientious
- Frightened

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YOUR FIRST JURISDICTIONAL INSPECTION

- TOOLS

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

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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

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JURISDICTIONAL INSPECTIONS TODAY

- Proud
- Enthusiastic
- Conscientious
- Confident

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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

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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

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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

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HOW CAN WE HELP

- Become part of the solution
 - Is their 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?

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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.
He took the chance, I closed an eye,
And with that act, I let him die.

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