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JURISDICTIONAL INSPECTIONS

INTEGRITY & ETHICS

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Loss Control SERVICES

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Please Note the fine print

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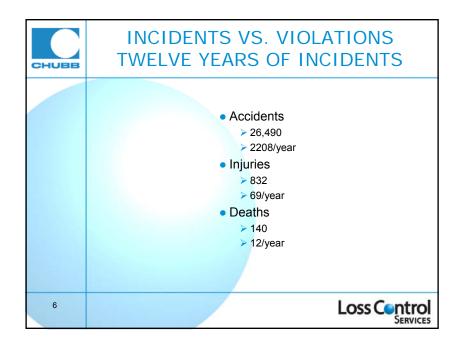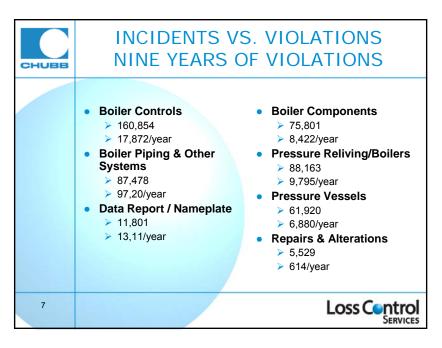
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WHY DO WE PERFORM JURISDICTIONAL INSPECTIONS

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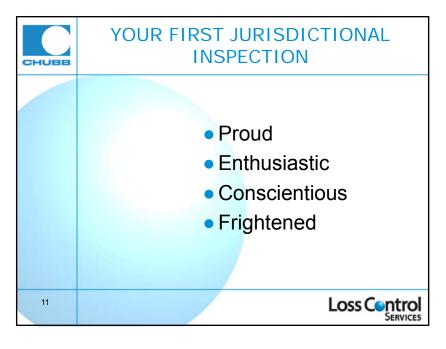- Service (*Insurance Industry & Third Party Inspection)*

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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 & Alternations

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INCIDENTS VS. VIOLATIONS
TWELVE YEARS OF INCIDENTS

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

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INCIDENTS VS. VIOLATIONS
NINE YEARS OF VIOLATIONS

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- **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
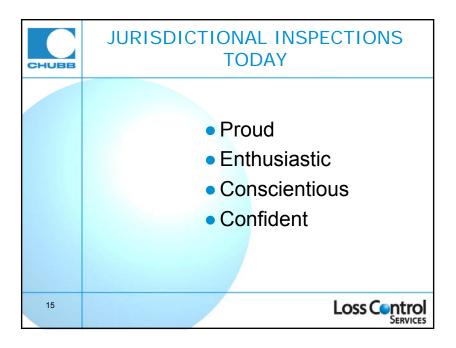 - 1,739/year

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- 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

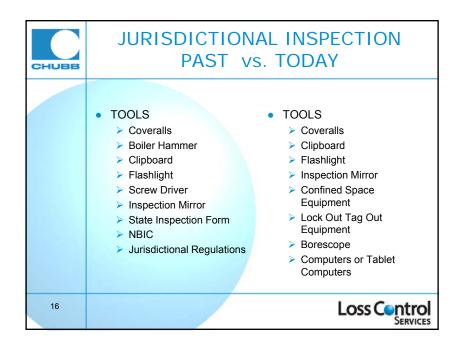CHUBB

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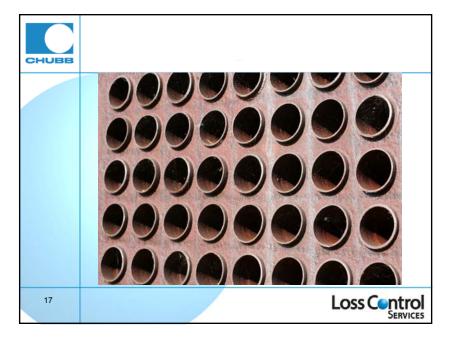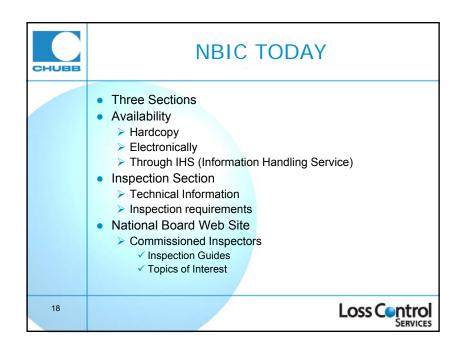

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OUTSIDE INFLUENCES

- 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

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