Innovative Thinking
Triggers to Jump Start Your Safety Program

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Wheelabrator Falls, Inc.
Waste-To-Energy Facility
• Facility Characteristics
  - Reciprocating grates with water wall boilers and turbine / generator
  - Operate 24 hours / day, 7 days / week
  - Process 1500 tons per day
  - Combustion temperature of 2500 F
  - 90-95 waste volume reduction
  - Beneficial use of ash
  - Metals recycling
  - 48 megawatts net power generation
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What is Innovation?
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Innovation

• New to the World
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Innovation

• New to the World

• New Use of Existing Products, Technologies, Services & Processes
A Solution to Managing a Peer to Peer Observation Program

Safety Committee Goal

- Re-establish Peer to Peer Observations
A Solution to Managing a Peer to Peer Observation Program

Avoiding Old Program Short Comings

• Cumbersome for employees to complete
  - Employee Participation Issues
• Difficult to manage
  - Front-line supervisors not engaged
• Poor availability of data / reports
  - Management does not find value
A Solution to Managing a Peer to Peer Observation Program

New Program Requirements / Enhancements

• Easy for employees to complete
• Easy for front-line supervisors to engage
• Included within incentive program to strengthen participation
A Solution to Managing a Peer to Peer Observation Program

Benefits of Re-establishing Peer to Peer Observations

- Supports the facility’s continuous improvement goal
- Enhances employee and front-line supervision engagement
  - Employees teaching / learning from employees
  - Reduction of unsafe behaviors without fear of discipline
- Source of leading indicators
  - Identify trends prior to near-miss or actual incidents
A Solution to Managing a Peer to Peer Observation Program

Observation Program Summary Description

- Web-based application to create the observation form
  - 1 or 2 page bubble form that includes
    - Employee ID for tracking
    - Instructions
    - Observation questions
- Observations are available to employees on the 1st of each month
- Employee performs observation and returns completed form by last day of the month

- Completed observation(s) are scanned into the system
- Data is reviewed for accuracy
- Report is generated
- Report is reviewed by management and safety committee
- Actions developed/implemented
- Results shared with employees
A Solution to Managing a Peer to Peer Observation Program
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Innovation

- New Ideas, Concepts & Perceptions
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Innovation

- New Ideas, Concepts & Perceptions
  - Doing thing differently
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Innovation

- **New Ideas, Concepts & Perceptions**
  - Doing thing differently
  - Thinking differently – Breaking Paradigms
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New Ideas, Concepts & Perceptions
• Doing things differently
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New Ideas, Concepts & Perceptions
• Doing thinks differently

Inspection Program
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New Ideas, Concepts & Perceptions
Doing things differently

• **OLD** Inspection Program
  - Inspections performed by type
    • Ladder
    • Fire Extinguisher
    • Emergency Exits
    • Eye Wash
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New Ideas, Concepts & Perceptions
Doing things differently

• **NEW** Inspection Program
  - Inspection performed by elevation
    - 1\(^{st}\) floor
    - 2\(^{nd}\) floor
    - 3\(^{rd}\) floor
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New Ideas, Concepts & Perceptions
• Thinking differently – Breaking paradigms

LIFE BEGINS AT THE END OF YOUR COMFORT ZONE.
–セル・ドナルド・ワルツン
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New Ideas, Concepts & Perceptions
• Thinking differently – Breaking paradigms

Definition of Safety
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New Ideas, Concepts & Perceptions

Thinking differently – Breaking paradigms

- Definition of Safety
  - Freedom from danger, risk, or injury.
  - The condition of being protected against harm
  - The state of not experiencing or causing injury, danger, or loss.
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New Ideas, Concepts & Perceptions
Thinking differently – Breaking paradigms

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Thinking differently – Breaking paradigms

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New Ideas, Concepts & Perceptions
Thinking differently – Breaking paradigms

NEW

Definition of Safety
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New Ideas, Concepts & Perception—
Thinking differently – Breaking paradigms

• NEW Definition of Safety
  - Safety is a Result / Outcome
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New Ideas, Concepts & Perceptions

Thinking differently – Breaking paradigms

- **NEW** Definition of Safety
  - Safety is a **Result** / **Outcome**
  - Safety must be **Achieved**
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New Ideas, Concepts & Perceptions
Thinking differently – Breaking paradigms

• NEW Definition of Safety
  - Safety is a Result / Outcome
  - Safety must be Achieved
  - The achievement must be Intended
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New Ideas, Concepts & Perceptions

Thinking differently – Breaking paradigms

NEW

Definition of Safety

“Safety is the outcome of having successfully managed risk” Ray Delfing
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Innovation

- New to the World
- New Use of Existing Product Technologies, Services & Processes
- New Ideas, Concepts or Perceptions
Thank you for attending!

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