

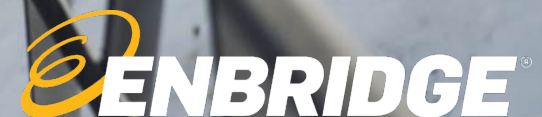


PHMSA's Web Conference Series 2015

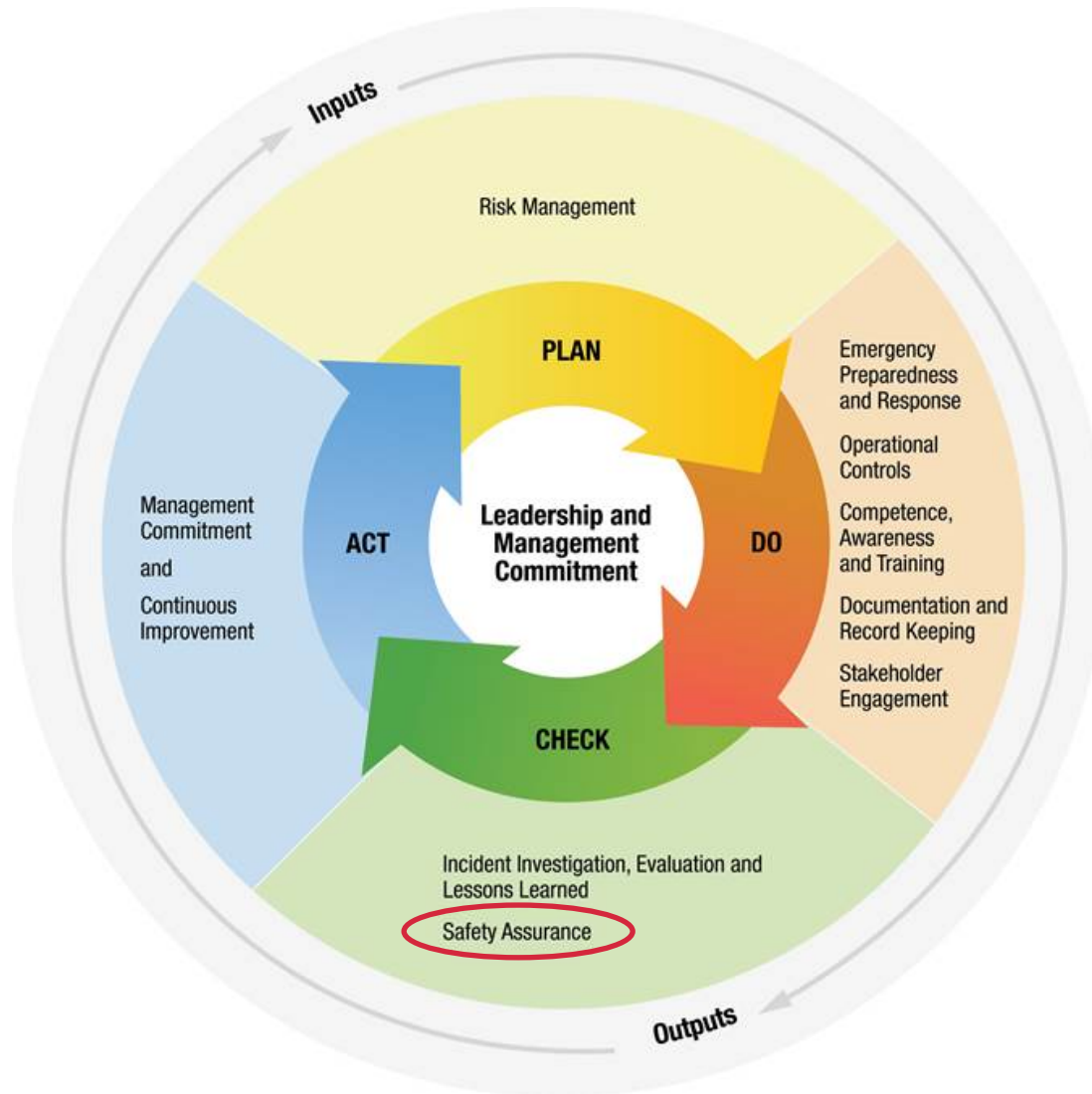
RP 1173:
Pipeline SMS Requirements

April 22, 2015

Paul Eberth, Project Director, Enbridge Major Projects



Element 6: Safety Assurance



1. Audit
2. Evaluations
3. Reporting & Feedback
4. Performance Measurement

Audit

- Conformity with the Recommended Practice
- Each of the 10 elements undergo complete audit once every 3 years
- Who:
 - External Professional, (or)
 - Internal Personnel not involved in the Work

Evaluations

“Assess the Effectiveness of its risk management and progress...”

- Elements: Assess performance of management system elements.
 - Risk management

- Culture: Assess Safety Culture
 - At Enbridge we have deployed several methods for evaluating our safety culture.

- Final Step: Evaluate growth and development of safety management system
 - Shows maturity of process

Reporting & Feedback

- Establish and maintain *Reporting and Feedback* process for Employees & Contractors
- Essential that performance feedback occurs
- Feedback can be anonymous

Performance Management



- Essential to establish Key Performance Indicators
 - Leading
 - Lagging
- Drive Accountability and Continual Improvement

Call to Action

- Embrace the Recommended Practice
- Guard against “Box-checkism”
- Study your results
- Data from audits and evaluations holds the key to understanding how to reduce risk and improve your business

Call to Action



- Embrace the Recommended Practice
- Guard against “Box-checkism”
- Study your results



Measuring performance is critical to successfully executing a plan