

Used, Classic, or Antique;
**Solving the Enigma of Disciplined
Adherence to Standards for Existing
Equipment**

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- What do we mean by “standards for existing equipment”
- Why it is so important
- How to develop standards for existing equipment

Vision 20/20

- Envisions the characteristics of companies with great process safety performance in the future, 2020

Vision 20/20 – Five Tenets

- Committed Culture
- Vibrant Management System
- Disciplined Adherence to Standards
- Intentional Competency Development
- Enhanced Applications of Lessons Learned

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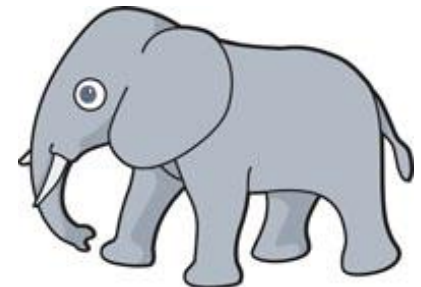
Vision 20/20 – Five Tenets

- Committed Culture
- Vibrant Management System
- Disciplined Adherence to Standards
 - Company and/or industry standards followed rigorously
 - System to ensure that existing equipment meets company minimum expectations
 - Risk decision making is used when applicable standards do not exist
- Intentional Competency Development
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Why Are Standards for Existing Equipment Important?

- Because the vast majority of our equipment is existing, not new, and much of it is old
- Often old equipment does not include current safety technology and is much more likely to have an incident.
- Too often the standards are developed after a series of incidents.
- PHAs cannot provide the same consistency
- There is equipment that is no longer fit for purpose.

How to start?

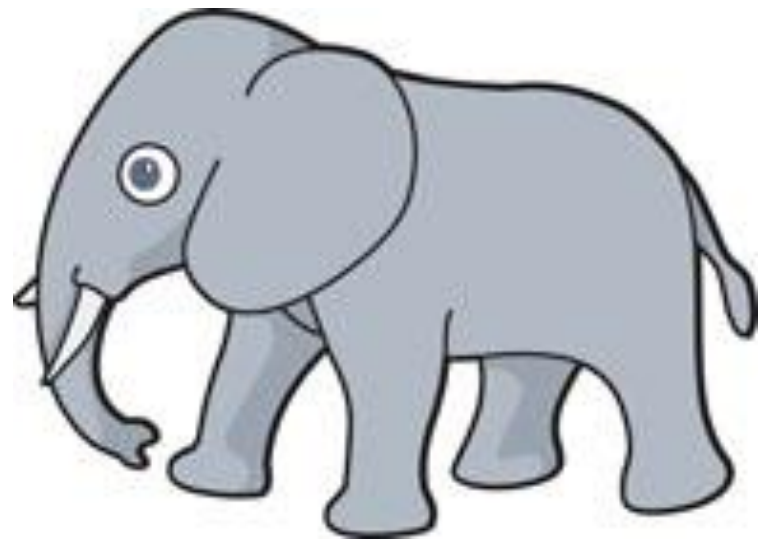
- Get executive support
- Use a risk informed approach for equipment or technology
 - that causes the greatest concern
 - that will be a quick win
 - that is widely used in several facilities
- Use the best SMEs available in addition to operations, maintenance, and technical to develop the standard
- Start small
- Start soon
- Develop a governance document, an overall policy
- Establish a verification methodology

Source Information for Standards

- Start with the standard for new equipment and select what will be required for existing equipment
- Use published standards
- Develop a new standard

Conclusions

- Standards for existing equipment will reduce incidents
- Get executive support
- Start small
- Start



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Questions?

- One bite at a time



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