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

Jack McCavit, CCPS Emeritus
Todd Aukerman, Lanxess
Jeff Fox, Dow Corning
Rukyah Hennessey, CCPS

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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

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- 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
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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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