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# **Office of Pipeline Safety Presentation on**

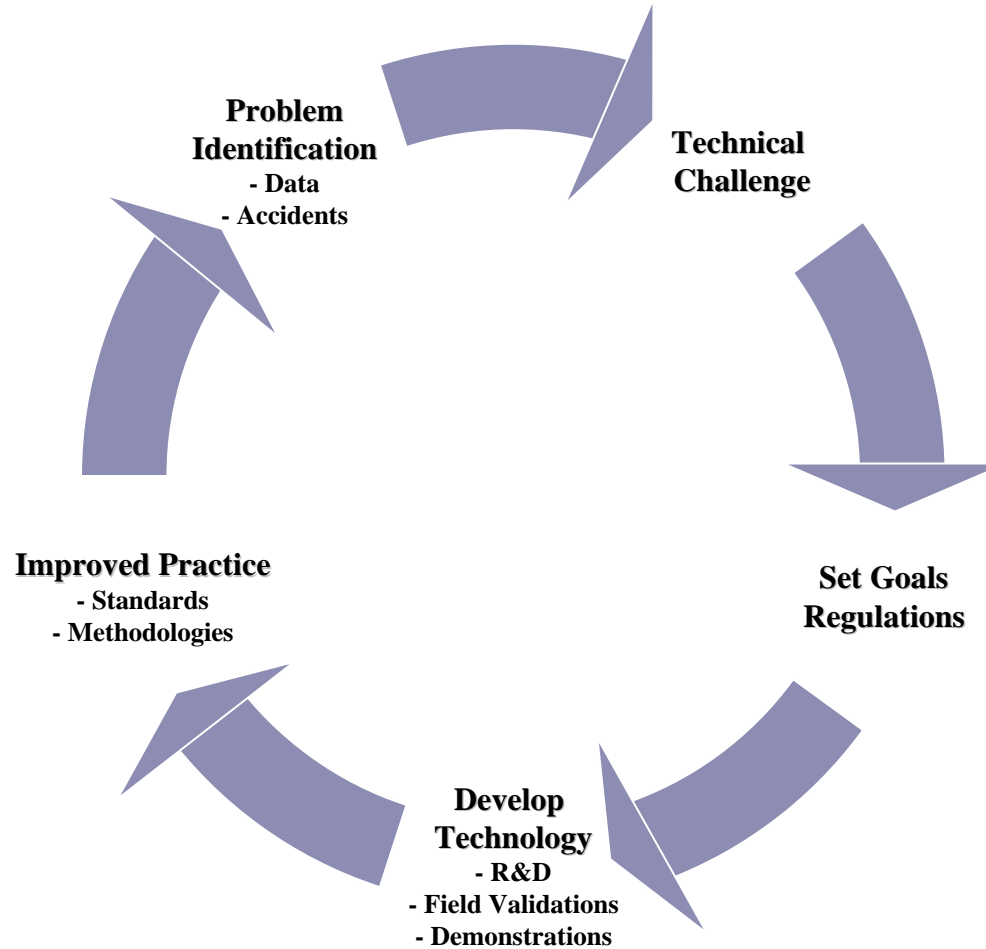
## **Standards Development**



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# The Research Paradigm

## Where do standards fit?





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# How does OPS use Standards?

## **OPS regulates through many industry consensus standards**

- Over 80 industry standards are incorporated by reference into Parts 190 -199
- Incorporated completely or with portions of standards
- Approximately 12 standard organizations are the originator of the reference



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# Standards Development

## What does OPS propose?

- Strengthen R&D evaluation criteria to drive effective standard development
- Create official working relationship with standard organizations
- Involvement of standard organizations from research day one
- For OPS to track and report on research project which address standards
- For standard organizations to officially decide if revisions or new standards will result from the research

# Strengthen R&D Evaluation Criteria

- OPS uses a merit review panel and evaluation criteria to select research projects
- Evaluation criteria will be strengthened to better facilitate standards development
- Contractor must integrate research effort with effected standard organizations
- Integration will be assisted from an official OPS working relationship with standard organizations.

# An Official Working Relationship

- OPS wishes to initiate an official working relationship with standard organizations
- A memorandum of agreement (MOA) can be developed to describe this working relationship
- Main points of contact could be identified for coordination on research
- This coordination will streamline the development or revision of needed standards



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# Involvement from Day - 1

- OPS will notify standard organizations of new research addressing standards
- All parties will be invited to project meetings and informed of progress
- Standard organizations can better plan to use research results
- Acceptance of qualified research results will be streamlined
- Expedited revisions to or development of new standards can be a result from this involvement



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# Tracking and Reporting

A Management Information System was developed to track and report on research

Information is collected on projects contributing to standards

An annual report will be generated itemizing project inventories and standards effected

**OPS has a Research Program Objective to...**

*Strengthen Industry Consensus Standards and Regulatory Requirements*





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# Standard Organizations Should Decide

## After the completion of the research

- Official notification should occur if revisions or new standards will result
- OPS need this information to report aspects of program effectiveness