





PHMSA - Office of Pipeline Safety Warren Miller





# SD/ND/WY Pipeline Safety Operators Training

OQ: Failure Investigations

April 4, 2013





# ACCIDENT INVESTIGATION AND OPERATOR QUALIFICATION





Photos? – Wonder what it looked prior to any work

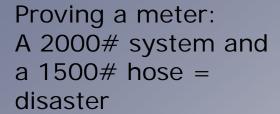




Note: If a hot work permit is required at the site of work – ensure a copy is located somewhere else!













Immediate Communication of Accident/Incident

- Ensure OQ Manager/Coordinator is notified
- Determine if OQ tasks were being or had been performed
- Did any individuals contribute while performing covered tasks\*





#### Reminder\*

- Drug and alcohol testing needs to be considered if you cannot make a determination that the individual did not contribute to the accident/incident
- Document that you have made a determination. Be prepared to provide documentation of your decisions.





Perform an investigation (including pictures), when possible, to determine what the cause of the accident/incident is:

- Was the procedure followed?
- Was the correct equipment used?
- Did the individual encounter an issue that training did not address?





- Consider suspending the individual(s) from performing that covered task or tasks that may have contributed to the accident/incident until the investigation is completed.
- His or her continued performance of that covered task while the investigation is being completed could compromise your system.





After the investigation, develop a plan of action, implement the action, and have all areas of your operation in the communication loop:

- OQ Company and contractor employees
- Procedures (O&M)
- Training
- Contracts (possible)





#### Close the Loop!

- Communicate to all effected groups and individuals
- Take action so that it will not occur again
- Ensure changes have been implemented
- Check records

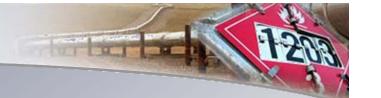




### Things to be Proactive

- Pictures prior to performing any work
  - Documents markings and condition of location where working
- Permits and other Documents in Hand
- Work Plan
- Current Procedures
- Media Spokesperson





#### LEGAL CONSIDERATIONS

- CAN YOU ANSWER THE QUESTIONS?
- DO YOU HAVE DOCUMENTATION SUPPORTING YOUR ANSWERS?
- HAVE YOU ACTED PROMPTLY?
- HAVE YOU DONE ENOUGH?





#### **ANY QUESTIONS?**

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