2015 BSEE Domestic and International Standards Workshop

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Freeport-McMoRan perspectives on the development of processes to address lifecycle management, equipment reliability and subcontractor management issues
Who is responsible for Quality and Compliance to Industry Standards...........
- The Equipment Manufacturer
- The Supplier of the Product or Service
- Don’t Inspect Quality into the Product or Service

Ensure understanding of the Difference, objectives, and deliverables for:
- Quality Control
- Quality Assurance
Equipment Reliability

- Follow §250.1916
  - Understand it is a Program (Systems approach)
  - Define Fit for Service
  - Define “all equipment”
  - Define Critical
  - Develop Minimum Requirements for all aspects of Well Delivery
Equipment Reliability

- Follow API RP 75
  - Change “should” to “shall”
  - Understand “appropriate service requirements, manufacturers recommendations, and industry standards”
  - Understand it is a “strategy”
  - Alignment with Operations
  - Include Procurement – Start the Strategy
  - Define Critical
Subcontractor Management for Equipment Reliability actions:

- Documented (PO and Req) Communication of Minimum Requirements for Equipment and Services
- Assessment of Equipment and Service Providers to Industry Standards
- Clear Expectations for Quality and Reliability
- Scheduled review of Performance
- Develop Minimum Requirements for:
  - Contracted Field Resources
  - Suppliers of Equipment and Services
Lifecycle Management

- API Standard 18 LCM being developed
  - Implement Q2 through the Organization
  - Work with Operations to determine “where” LCM needs to be applied
  - Develop a Service Base that understands LCM
  - Develop Business Partners for continuous improvement
Questions?