Overview and Update of API Standards

IADC South East Asia Chapter Meeting
Kuala Lumpur, Malaysia • March 21, 2017

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Scope of Presentation

- API Background
- API Standards Program
- Updates
- Value of Participation
- Q&A
API Background

- March 20, 1919: API founded as non-profit national trade association
- 1923: Standards Department was formed and the first standards on pipe sizes, threads, and couplings were published in the following year
API Standards Program

- Basis for the industry’s worldwide operations
- Foundation of self-supporting programs including API Monogram
- More than 7000 active volunteers representing over 50 countries
API Standards Program

- API publishes close to 700 technical standards
  - Exploration and Production
  - Refining
  - Marketing
  - Pipeline Transportation
  - Petroleum Measurement
API Standards Program

API Standards Committees

- Committee on Standardization of Oilfield Equipment & Materials (CSOEM)
- Drilling and Production Operations Subcommittee (DPOS)
- Committee on Refinery Equipment (CRE)
- Committee on Petroleum Measurement (COPM)
- Safety & Fire Protection
- Pipelines
- Marketing/Aviation
API Standards Program

API Upstream Standards Subcommittees

Newest subcommittee 21: Materials

SC 18 is responsible for the development and maintenance of API-Q1 and Q2
Updates

Work under Development

- Spec 6A, 21st Edition (Wellhead and Christmas Tree Equipment) – open for comments until Apr 6, 2017
- Spec 16A, 5th Edition (Specification for Drill-through Equipment)
- Standard 16AR, 1st Edition (Repair and Remanufacture of Blowout Prevention Equipment)
- Recommended Practice 54, 4th Edition (Recommended Practice for Occupational Safety for Oil and Gas)
- Recommended Practice 77, 1st Edition (Mitigating Hydrocarbon Vapor Exposure for Protection of Personnel in the Oil and Natural Gas Industry)
- Technical Report 18TR2, Guidance to API Spec Q2, 1st edition
Updates

- Recommended Practice 92M, 1st Edition (Managed Pressure Drilling Operations with Surface Back Pressure)
- Recommended Practice 92P, 1st Edition (Pressurized Mud Cap Operations for Rigs with Subsea BOP Systems)
- Recommended Practice 92S, 1st Edition (Managed Pressure Drilling Operations – Surface Backpressure with a Subsea Blowout Preventer)
- Recommended Practice 92U, 2nd Edition (Underbalanced Drilling Operations)
- Recommended Practice T-8, 1st Edition (Safety Training for Workers on Offshore Production Facilities)
Value of Participation

- Early access to information
- A voice in the development of a standard
- Networking with experts from other companies to learn from their experiences
- Sharing lessons learned to prevent problems before they occur
Value of Participation - Requirements

- Be technically proficient in a discipline related to the standard
- Attend or participate in committee meetings
- Agree to work on committee business such as standards revisions and technical inquiries
- Have the support of company management to participate
- API corporate membership is not a requirement for participation on API standardization committees
Upcoming Upstream Standards Events

• 2017 Exploration and Production Standards Conference on Oilfield Equipment and Materials – June, 26-30 (Alberta, Canada)
  - Involves SCs 5, 8, 10, 13, 16, 18, 20 and 21

• 2017 API Offshore Safe Lifting Conference & Expo – July, 11-12 (Houston, Texas) – IADC-endorsed Event!
Other API Programs

API Monogram™ Program

API Quality Registrar (APIQR™)

API Engine Oil Licensing Certification Program (EOLCS™)

API Individual Certification Programs (ICP™)

API-U Training
Contact Information

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Thank you.