API 16A Drill Through Equipment
API 16A 3rd Edition
Winter Meeting Jan - 2016

API 16A Chairman: John Busby
Co-Chair: Leonard Childers
Jim McCabe
API 16A Status

- 3rd Edition / June 2004 / Effective Date: December 1, 2004
- Reaffirmed: August 2010
- Present Status: 4th edition ballot achieved consensus and therefore is identified as “passed”
  - Received 746 comments
    - 313 Editorial
    - 59 General
    - 387 technical
  - Approximately 731 comments addressed. Less than 15 remaining to address
16A 4\textsuperscript{th} Edition Work Group Activity

Five Work Groups Formed and Active

- Hydraulic Connectors – Jim Kaculi
- Design Criteria – Mark Miser
- Heat Treat (Furnace) qualification – Jim McCabe
- Quality Requirements – Jim McCabe
- Closure bolting – Harish Patel
API 16A Rev 4 Draft

Key changes

- Updated Temp chart to include elevated operating rating and qualification testing
- **Updated Minimum Design Criteria (PR1 & PR2 levels)**
  - Bolting Hardness per API 20E & 20F (Work Group still evaluating best path forward)
- Updated QA requirements (aligning w/6A
- Heat Treat Qualification’s
- Drilling Connector Capacity Reporting
API 16A 5th Edition Topics

- Closing on Flow Qualification & Shearing
- Sealing Gas Qualification
- Closing on Odd shapes
- Differentiate surface and subsea equipment
- Design criteria for HP/HT (17TR8 / API 6X)
- Expanded Shear Testing
- Update connectors / align w/17D
- Define hub face separation / seal-ability
- Ram position indicators
- Elastomer QA requirements
- 5 Year marking requirements