API Standard 53
SC16 Update
June 2018

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API Standard 53 Update
June 2018

4\textsuperscript{th} Edition Addendum 1 – Current Edition
Addendum 1 Published – July 2016
5\textsuperscript{th} Edition – Released Final Limited Scope Ballot
-Well Control Equipment Systems for Drilling Wells
API Standard 53 5th Edition Status

- 5th Edition draft ballot January 10, 2018 – February 21st, 2018
- Comment Resolution from Feb – May
- Final Limited Scope Re-Ballot released June 1st, 2018
  - Any further comments due July 13th, 2018
5th Edition Summary

- 4th edition had testing criteria and frequency in two places throughout document
  - 5th edition now has all testing in tables in Annex C
- Complete review of Blowout Prevention terms in 4th edition
  - Drove title change to Well Control Equipment Systems
- Added bolting requirements to follow SC16 specifications
  - Equipment Owner’s maintenance system shall specify replacement schedule to API 16A & 16C bolting requirements
5th Edition Summary

- Included focus on Land BOPs and acknowledged differences for land vs surface offshore requirements
- Surface BOP Pressure Requirements
  - Originally BOP requirements were dictated by the RWP of the BOPs
  - Shifted BOP requirements driven by MASP of well and not RWP of available equipment
- Allows for pad drilling testing to remain on 21 day cycle when moving BOPs from wellhead to wellhead
5th Edition Summary

- Land BOP Shear Ram Requirement
  - TG Initially pursued BSR requirement for 3000psi MASP surface wells
    - Industry push back due to lack of data on thru-drill string blowouts
    - 5th Edition BSR requirement for land rigs remained for 10,000 psi MASP wells and higher
    - Industry agrees to launch study on thru-drill string blowouts
  - BSR installed on:
    - Environmentally sensitive areas
    - Known high H2S (>100 ppm) wells with flow potential
    - Within one mile of urban area or population density greater than 100 housing units per square mile
S53 Path Forward

- Accept industry comments through 2\textsuperscript{nd} limited ballot period (ends July 13\textsuperscript{th})
- Work comment resolution
- Publish 5\textsuperscript{th} Edition – Anticipating 3-4Q18 publication