



# AWES

Advanced Well Equipments  
Standardization Group

## An introduction to AWES

October 2015

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# AWES promotes reliable advanced well equipments across the industry

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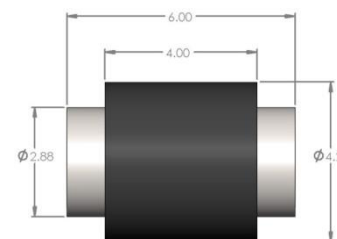
## Our AWES group objective is:

“To improve the **reliability of advanced well equipment** through the development of **published industry standards and recommended practices** for the qualification of the relevant completions equipment”

We achieve this through collaborative discussion and information sharing during regular teleconferences and 3 meetings per year

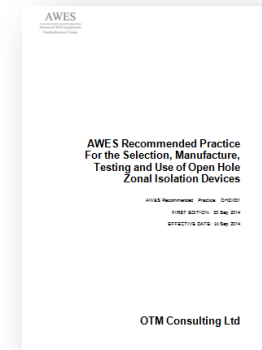
Group activities include:

- Development of test qualification procedures and standards
- Definition of how to measure sensor system performance
- Sharing of results from prior testing work & lessons learnt
- Setting a standard for vendors in terms of qualifying their technology for an advanced well application to raise the level of requirements
- Gaining confidence in lifetime expectancy of downhole sensors by standard testing
- Reducing the need for oil companies to run their own independent qualification testing
- Assisting vendors to understand oil company requirements
- Providing QA/QC



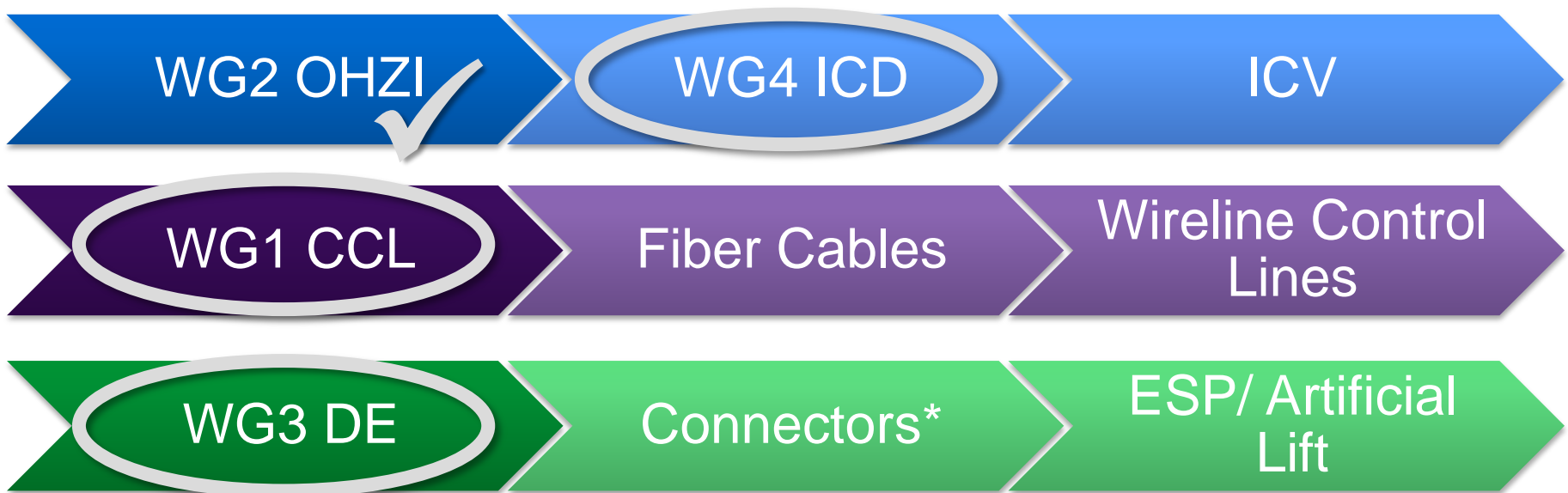
## The first AWES Recommended Practice is complete and available to members and non-members via the AWES website

- AWES Recommended Practice For the Selection, Manufacture, Testing and Use of Open Hole Zonal Isolation Devices
  - Published September 2014 on AWES website
  - Licensed to API for publication as an API industry standard
- Plan to have a further 3 Recommended Practices published by the end of 2015:
  - AWES Recommended Practice for the Qualification of Tubing Encased Conductor (TEC)
  - AWES Recommended Practice for the Selection, Manufacture, Testing and Use of Downhole Sensors
  - AWES Recommended Practice for the Performance Modelling and Testing of ICD Devices



## We maintain three workstreams to address priority topics

- As one group completes its RP and publishes/licenses to another body, the next group stands up
- Membership adjusts to reflect current focus
- Proposed group changes based on feedback from past meetings



\*Clamps, connectors and splicing, both dry-mate and wet-mate

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