

Establishing and Maintaining International Alliances

2007 ANSI Leadership Conference

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Overview

- API's History and Mission
- API and ANSI
- Case Studies
- Conclusions

API History and Mission

- API History
 - Founded in 1919
 - Represents all industry segments
 - 400 member companies
- API Mission
 - Influence public policy
 - Engage in advocacy
 - Provide forum for consensus
 - Develop standards to improve competitiveness
 - Work collaboratively with other associations

API and ANSI

- API is an ANSI Accredited SDO
 - Open, transparent consensus process
 - Approved and published procedures
 - Regular program audits
- API staff serve on ANSI Committees
 - Peer review processes
 - Personnel development
 - Gateway to international standards

Establishing and Maintaining International Alliances

- Work collaboratively with other associations – Case Studies
 - API and the Energy Institute
 - API and the National Metrology Institute of Japan
 - API and ISO Editorial Services Agreement
 - API and the Petroleum Association of Japan

API and the Energy Institute

- API and EI joint work
 - Informal process
 - MOU to formalize and expand joint development
 - Encourage international representation
 - Joint development, publication, and maintenance

API and the Energy Institute

- MOU signed February 2006
- Actions since February:
 - Implementation guide
 - JCHM formed, four meetings held
 - Additional resources

API and the Energy Institute

I P W E E K

standards

A new initiative in petroleum measurement standards development

Under the agreement, the API (American Petroleum Institute) and the EI (Energy Institute) will work together with the aim of producing joint API/EI standards in all areas of petroleum measurement. In addition to the production of new joint standards, existing standards already produced by both organisations will be combined as they come up for review. Over the course of the next few years this process will lead to a single set of standards for international use.

The agreement formalises a process that has already begun with joint work between the EI HMC-3 and HMC-4 measurement subcommittees and the API COMA subcommittee producing the new vessel experience factor standard (see *Petroleum Review*, February 2006). Joint work groups have already been established to work on chemical cargo inspection procedures and closed system gauging and sampling.

In the future, a joint committee from the API COPM and EI HMC will manage the work programme, with projects being carried out by joint work groups operating under the existing subcommittees within each organisation. Documents produced by the joint work groups will be balloted simultaneously by the subcommittees in the API and EI, and approved documents will be published jointly by the two organisations.

The ISO (International Standards Organisation) is the highest-level standards body, representing national standards organisations. Joint API/EI documents will be made available for adoption by ISO and ISO will be invited

The signing of the Phoenix Agreement at the start of IP Week 2006 marked a major step forward in the development and harmonisation of petroleum measurement standards.

David Miller, Director, Standards Programme, API: *'This agreement marks a significant and welcome advance in cooperation between the EI and the API.'*

Louise Kingham, CEO, EI: *'The Phoenix Agreement is a tribute to those dedicated staff within the EI and API that work tirelessly with the industry to ensure the highest standards are developed and maintained with the minimum draw on resources. The Agreement was developed in response to industry needs and will serve it well.'*

David Miller (left) with Louise Kingham



Below: The EI/API team – (L-R) David Miller; Kerry Hoad, EI Technical Officer; John Phipps, EI Test Method and Hydrocarbon Management Consultant; Paula Watkins, International Standards & Measurement Manager, API; Paul Harrison, EI Technical Support; Louise Kingham; Pete Rooney, Loss Control Leader, ConocoPhillips; Martin Maeso, EI Technical Director

API and the National Metrology Institute of Japan (NMIJ)

- API and NMIJ
 - Issue identified by API member companies
 - NMIJ lab “proving” vs. US field “proving”
 - NMIJ presentation made at March COPM meeting
 - Technical discussion and exchange, NIST involvement and support
 - Proposed test protocol

API and the National Metrology Institute of Japan (NMIJ)

- MOU agreed August 2006
- Actions since August:
 - Test protocol approved
 - Participants selected
 - Field sites under review
 - NIST to perform final testing

API and ISO Editorial Services

- 2003 survey of API standards committees on resources and internationalization
- 2004 Standards Strategy Task Force (SSTF) report (became basis for API Standards Viability Business Plan, see annex for details)
- 2004 ISO/TC 67 Management Committee Action Item
 - For API and ISO to develop an “editorial services agreement”, or ESA
 - Resulted in TC 67 “Editorial Protocols”

API and ISO Editorial Services

- Proposals prepared and exchanged
- September 2006 agreement on an ESA demonstration project for five standards
- Delegated editing in accordance with:
 - ISO Directives and TC 67 “Editing Protocols”
 - API to provide “FDIS-quality” documents at DIS stage
- Actions since September
 - Work on 3 standards underway

API and the Petroleum Association of Japan

- API Standard , “Welded Steel Tanks for Oil Storage”, 10th Edition
- American Society of Civil Engineers seismic criteria code change
- Petroleum Association of Japan approached responsible API Subcommittee

API and the Petroleum Association of Japan

- MOU signed November 2006
 - API and PAJ to co-fund research
 - API to publish updated 650
 - PAJ to participate in API SC
- Actions since November
 - RFP prepared
 - Contractor selected
 - Work underway

Conclusions

- API's Standards Viability Business Plan encourages alliances as a way to leverage resources
- Case studies demonstrate value for industry and API
- Stakeholder involvement key to successful outcomes

Thank you!

For more information contact:

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Annex – API’s Standards Viability Business Plan

- Development of API “Standards Viability Business Plan” addressing six elements:
 - Effective management of manpower resources and research funding
 - Beyond Volunteers: Identification and development of contracted experts
 - Process Streamlining and Efficiencies
 - International Cooperation: Partnerships and shared opportunities

Annex – API’s Standards Viability Business Plan

- API “Standards Viability Business Plan” six elements, continued:
 - Recruitment, training, retention, and replacement of volunteers
 - Standards-based program development
- Plan approved Fall 2005, implementation began in 2006, 2007-2008 planned actions under review