



*Spring 2006  
API RBI Software  
User Group Meeting*

# **API RBI International Acceptance**

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# North America

- Canada
  - Alberta
    - + Pacesetter
      - \* RBI Regulations
        - » 580 and 581 referenced as industry best practices
        - » Audits against technical basis
  - RBI being performed in other provinces
- USA
  - Widely accepted
  - By exception
    - + CA

# Mexico

- Overall standard
  - Heavy interest in RBI
  - Some overriding inspection requirements
    - + **Normas Oficiales Mexicanas sobre Seguridad e Higiene**
  - RBI is being implemented
  - No requirement to use API technology
  - Unspoken benchmark

# South America

- Not aware of any RBI regulating documents
- Activity
  - Venezuela
  - Colombia
    - + API RBI Public Course presented in 11/2005
      - \* Colombian and Venezuelan Owner Operators
  - Brazil
  - Chile
  - Peru
  - Ecuador
  - Bolivia
  - Argentina

# Europe

- RIMAP
  - Liason established at API PVRC Risk Conference 10/2005
  - 581/581 is referenced
  - Summary
- Europe
  - Country by country acceptance
  - Primarily via certifying agency
    - + Does the software comply with the standard claimed as basis
  - BRD is very important

# Middle East

- RBI is being performed in these countries
- Not aware of any RBI regulating documents
- Saudi Arabia
- UAE
- Iran
- Kuwait
- Etc.

# Far East

- Japan
  - API RBI Liason and API Technology Interest is High
  - RBI not accepted, in general, to exceed existing code regulated intervals
    - + By exception
    - + BRD is critical
    - + Strong technical basis is desired
    - + ~50% of refining implementing RBI, non API, not as high a level of trust in technical basis as they would like
  - Recent (December 2005) API RBI Presentations
    - + PAJ (Petroleum Assn. of Japan)
    - + Japanese Welding Society
    - + Risk Based Engineering Conference
- Korea
- China
- Malaysia

# Australia/New Zealand

- RBI is and is being implemented
- Reports of standards for RBI

# Overview

- API RBI is the Benchmark
- Various Software Mfgs. are claiming 580/581 compliance
- BRD
- Most acceptance is via 510/570/653
- Some issues where specific versions that pre-date RBI incorporated standards are referenced
- Majority of competing products claim 581 compliance
- Majority of competing products qualitative
- Some claim quantitative - not validated
- Mis-conceptions about API RBI exist
  - New BRD will resolve