




Training

API RBI Software User Group

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The Equity Engineering Group, Inc.
Houston, TX USA



Importance of Training

- Educate user community at large – beyond User Group representatives to all plant inspection and inspection engineering positions
- A key vehicle for software sales and attracting new User Group membership
- Generates needs for RBI consulting and additional training
- Educate RBI support group such as management, process, operations and risk groups for cooperation

2006 Training Courses

- International training conducted in Trinidad, Germany (2), Ecuador & Australia
- US training conducted in Houston (3), California & Corpus Christi
- Total of 183 participants trained in 2006 in 10 courses

2007 Training Courses

- Increased demand for training in 2007 due to V8.0 release, release of the revised API 581 BRD and widening use internationally
- International training planned in Calgary & Amsterdam
- Four (4) User Group training courses scheduled in Houston to address new member companies as well as site user requirements
- Eleven (12) on-site training courses currently requested – more expected
- Estimate ~300 participants/year will request/require training in 2007 - 2010

Training Strategy

- Plan for international software marketing, sales and training
 - 2007 - Training in Canada, Europe
 - 2008 - Training in Japan, Australia, Brazil
 - Australia 1 per 3 years; Europe 1 per 2 years
- Training Strategy to accommodate training needs in 2007 and beyond:
 - Modularize training to accommodate new and advanced users,
 - Add advanced training for new equipment, advanced consequence and probability and database management modules
 - Scale training to allow for larger group sizes
- Provide future courses at Houston office and local facility
 - Course will be expanded to three+ days
 - 2 days for technology and software demonstration (public course)
 - Class size for software use limited to (15), using parallel sessions, as necessary

RBI Curriculum (Preliminary)

Basic Course Modules

- Module 1 (4 hrs.) – Risk-Based Inspection for Managers
- Module 2 (4 hrs.) – API 580
- Module 3 (8 hrs.) – Introduction to API RBI V8 Software
- Module 4 (6 hrs.) – Determination of Risk
- Module 5 (2 hrs.) – Inspection Planning
- Module 6 (2 hrs.) – Implementing and Managing RBI Programs

Advanced Course Modules

- Module 7 (4 hrs.) – Data Management
- Module 8 (8 hrs.) – Advanced Probability of Failure Modeling
- Module 9 (8 hrs.) – Advanced Consequence Failure Modeling
- Module 10 (4 hrs.) – PRV Risk Modeling
- Module 11 (4 hrs.) – Heat Exchanger Bundle Risk Modeling
- Module 12 (4 hrs.) – Atmospheric Storage Tank Modeling

Module Outline

- Course Module Title
- Duration
- Description of Module Content
- Who Should Attend
- Prerequisites

Needs

- Restructure training pricing to reflect new modular format and to encourage Houston training participation
- Develop a training center in Houston to attract participants
- Implement international strategy for training outside the US with prioritization
- Restructure training to accommodate increased class size