



AT FRONTIUM
WE EMPHASIZE ON THE
TECHNOLOGY TRANSFER & ITS
BENEFITS TO THE
OIL, GAS & ENERGY
INDUSTRY

KUALA LUMPUR
CONVENTION CENTER
12TH TO 16TH JULY 2010

FRONTIUM ENERGY SDN BHD
D-03A-3 PLAZA KELANA JAYA
JALAN SS7/13A, 47301
P. JAYA SELANGOR
MALAYSIA

BRINGING

API-U

TRAINING TO

MALAYSIA



FOR MORE INFORMATION, VISIT:

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THE OBJECTIVES OF HOLDING THIS EVENT ARE :

1. TO SETUP AN API USER GROUP AND COMMITTEE WITHIN THE LOCAL REGION.

2. TO PROVIDE A FULL-CYCLE OF TRAINING IN PLANT INTEGRITY MANAGEMENT THAT COVERS RISK BASED INSPECTION, FITNESS FOR SERVICE, DAMAGE MECHANISM AND PRESSURE RELIEVING SYSTEMS.

3. TO BE ABLE TO KEEP THE USERS UPDATED ON THE CHANGES AND REVISION OF THE API TECHNOLOGIES AND STANDARDS.

4. TO SPECIFICALLY INTRODUCE AN RBI METHODOLOGY FOR PRESSURE RELIEF DEVICES, BASED ON THE LATEST RELEASE OF API 581.

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FOR THE FIRST TIME, FRONTIUM IS PROUD TO ANNOUNCE OUR INITIATIVE TO SETUP AN API USER GROUP AND COMMITTEE IN THE LOCAL REGION. THE API GROUP IS A PLATFORM FOR THE USER TO NOT ONLY RECEIVE INFORMATION ABOUT THE ONGOING DEVELOPMENT OF THE TECHNOLOGY, BUT ALSO AN AVENUE TO SHARE EXPERIENCE AND PROVIDE FEEDBACK FOR THE ENHANCEMENT OF THE EXISTING API STANDARDS. THIS FORUM PROVIDES THE OPPORTUNITY FOR THE LOCAL INDUSTRY TO PARTICIPATE AND CONTRIBUTE TO THE ONGOING ENHANCEMENT OF THE STANDARDS.

TRADITIONALLY, COURSES LIKE RBI, FFS AND DM ARE OFFERED SEPARATELY, EACH BY DIFFERENT TRAINING PROVIDERS. USERS MIGHT NOT BE TAUGHT ABOUT THE CLOSE RELATIONSHIP BETWEEN ALL OF THEM IN ORDER TO SOLVE ANY SPECIFIC MECHANICAL INTEGRITY PROBLEM. API-U TRAINING PROGRAM NOT ONLY PROVIDES A FULL-CYCLE TRAINING THAT COVERS ALL OF THE MENTIONED SUBJECT, BUT WILL EVENTUALLY TEACH THE USERS HOW TO INTEGRATE THE APPLICATION OF THE DIFFERENT STANDARDS, SUCH AS INTEGRATING FFS AND RBI FOR A FULL LIFE CYCLE MANAGEMENT SYSTEM. THE SKILLS TO UTILIZE THE KNOWLEDGE FROM BOTH WILL BE INVALUABLE FOR THE USERS, PARTICULARLY IN SOLVING ANY LOCALIZED COMPLEX PROBLEM.

THE DYNAMIC NATURE OF API STANDARDS REQUIRES THE USER TO BE CONSTANTLY UPDATED ON THE LATEST DEVELOPMENT IN ORDER TO MAXIMIZE THE BENEFITS IN THE APPLICATION. HERE IN API-U, THE TRAINERS AND FACILITATORS WILL CONSIST OF THE KEY PERSONNEL WHO ARE INVOLVED IN THE DEVELOPMENT AND ENHANCEMENT OF THE TECHNOLOGY. USERS WILL BE ABLE TO LEARN DIRECTLY FROM THE 'HORSE-MOUTH'.

LAST BUT NOT LEAST, WE WILL INTRODUCE THE LATEST RBI TECHNOLOGY IN SETTING UP THE INSPECTION INTERVAL FOR PRESSURE RELIEF DEVICES. THIS METHOD WAS DEVELOPED BY THE API RBI COMMITTEE AND IS OFFICIALLY DOCUMENTED IN API RP 581 STANDARD. USERS WILL BE PRESENTED ON THE KEY ELEMENTS THAT DISTINGUISHED A PRD FROM OTHERS, SUCH AS THE OPERATING PHILOSOPHY, DEMAND RATE AND CONSEQUENCE LEVEL THAT MAKES THE PRD METHODOLOGY DIFFERENT FROM A TYPICAL FIXED EQUIPMENT RBI.

"WE ALWAYS BELIEVE IN KNOWLEDGE SHARING AND MAINTAINING CLOSE RELATIONSHIP WITH THE RELATED GOVERNING BODY AND INDUSTRY TO FURTHER UNDERSTAND AND DISCOVER THE NEEDS AND INDUSTRY BEHAVIOR OBJECTIVELY..."



“BRINGING API-U TRAINING TO MALAYSIA” IS OUR MISSION AND COMMITMENT TO FACILITATE THE INDUSTRY NEEDS. IN RESPECT TO THIS INAUGURAL EVENT, WE ARE PROUD TO INTRODUCE OUR RESPECTIVE PARTNER, E2G, A COMPANY THAT HAS BEEN AWARDED THE DIFFICULT-TO-ACHIEVE AMERICAN PETROLEUM INSTITUTE (API) TRAINING PROVIDER CERTIFICATION PROGRAM (TPCP)’S FROM UNITED STATES AND THEIR EXPERTS, FEATURING:

•MR DAVID A. OSAGE – THE PRESIDENT AND CEO OF E2G, P.E (PRINCIPAL AUTHOR OF THE FIRST EDITION OF API RP 579 AND API 579-1/ASME FFS-1) MEMBER OF THE API SUB-COMMITTEE ON INSPECTION, API GROUP FOR RP 580 AND RP 581, API RP571 AND RP 580 INSPECTOR ENDORSEMENTS.

•MR. PHILIP HENRY – THE RBI TECHNICAL DIRECTOR OF E2G, P.E (AUTHOR OF THE API RBI 580 AND 581, 520 AND 521)

•MR. GERRIT M. BUCHHEIM - P.E. (A SECONDARY AUTHOR OF API RP 579 AND API 579-1/ASME FFS-1)

•MR. GREG ALVARADO- (AN API SUB-COMMITTEE ON INSPECTION, A WORKING COMMITTEE OF THE API 580 AND 581, API TEAM THAT CREATED THE QUESTIONS FOR API 571 AND 580 ENDORSEMENT FOR INSPECTORS.

•MR. JOEL L. ANDREANI –P.E. (HE HAS DEVELOPED ADVANCED SKILLS IN FINITE ELEMENT ANALYSES WITH EMPHASIS ON NON-LINEAR BEHAVIOR, PRIMARY DEVELOPERS OF API 653 EDGE SETTLEMENT PROCEDURES, AND THE LEADER OF A CURRENT API PROJECT TO RE-WRITE API 653 RULES ON DIFFERENTIAL SHELL AND GLOBAL BOTTOM SETTLEMENT)

AS THE EXPERTS OF THE SUBJECTS, THEY WILL BECOME THE KEY SPEAKERS WHO WILL CONTRIBUTE TO THE MOST VALUABLE EXPERIENCE FOR THE PARTICIPANTS. THESE COURSES WILL PROVIDE DETAILS OF THE SUBJECT MATTER THAT ARE TAUGHT IN THE OFFICIAL API UNIVERSITY COURSES, WHICH LAST IN 3 DAYS. PARTICIPANTS CAN ATTEND ANY OF THE 2 SHORT COURSES. TWO SHORT COURSE OPTIONS WILL BE OFFERED IN EACH TIME SLOT. FOLLOWING A DAY OF API USER GROUP MEETINGS AND SHORT COURSES OF THE API-U PROGRAMS AND POSSIBLY API STANDARDS, THE OFFICIAL API-U TRAINING COURSES ON API RBI (API 580/581) AND API FFS (API 579-1/ASME FFS-1) WILL BE GIVEN.

EACH COURSE IS A 3 DAYS LONG (24 HOURS OF TRAINING) AND IS CERTIFIED BY API TPCP SO THAT 2.4 CEU (24 PDH) CAN BE PROVIDED TO EACH PARTICIPANTS. THIS PROGRAM IS ALSO AWARDED A CONTINUING PROFESSIONAL DEVELOPMENT (CPD) HOURS BY THE INSTITUTE OF ENGINEERS MALAYSIA. THE COMPLETE OFFICIAL API COURSES WILL FURTHER TAKE PLACE IN YEAR 2011 CONSIST OF MANY SUBJECTS INCLUDING BUT NOT LIMITED TO DAMAGE MECHANISMS AND PRESSURE RELIEVING SYSTEMS.



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BRINGING API-U TRAINING TO MALAYSIA

PROPOSED SCHEDULE:

Monday, July 12

Morning Session (Open to All, Free):

08:30 - 09:00: Registration

09:00 - 10:00: Welcome Speech & Overview (E²G & Frontium)

10:00 - 10:30: VIP Speech and Event Official Opening

10:30 - 10:50: Morning Tea Break

10:50 - 11:40: Regulatory Body Presentation

11:40 - 12:30: Industry Presentation

12:30 - 14:00: Lunch Break

Afternoon Session (Open to All, Free):

14:00 - 14:30: Bringing API-U training to Malaysia (E²G)

14:30 - 16:30: API RBI UG Overview & Dialogue Session (All participants)

Event	API Member, Registration (per Person)	API Non-Member, Registration (per Person)	Full-Time Student/Academia (per Person)
Monday Session	FREE	FREE	FREE
Single Tuesday API Short Courses	US\$395	US\$395	US\$195
Full Tuesday - Both API Short Courses	US\$750	US\$750	US\$375
3-Day E ² G API-U Course	US\$2,160	US\$2,700	US\$1,800
3-Day E ² G API-U Course - Late Registration	US\$2,720	US\$3,400	US\$1,800

Notes on Fees:

- This fee structure holds the API regular (late) rates, but provides a larger discount for early registration (checking on this with API).
- All fees must maintain 20% discount for API Members (checking on possibility of a student fee that is lower than API Member fee).
- Group Registration Discount: For every five (5) registered in any session or course, a Company/Organization would get a free 6th registration in the same session or course.
- Late Registration can be lowered to less than 45 days before the course.
- The courses need a minimum of 20 participants each. We have no specific upper limit, but would probably say 40 to 50 students for a 3-Day course and 75 to 80 in the Tuesday short courses.

Refund Policy (agreed to with API on official courses):

- 75% of the fee refunded if cancellation is received at least 14 days before the course
- 50% of the fee refunded if cancellation is received between 6 and 13 days before the course
- 25% of the fee refunded if cancellation is received between 1 and 5 days before the course
- Substitutions for registrants unable to attend are acceptable.

Tuesday, July 13

09:00 - 10:20 API RBI Short Course - Part I

10:20 - 10:40: Morning Tea Break

10:40 - 12:20 API RBI Short Course - Part II

12:20 - 14:00: Lunch Break (Provided)

14:00 - 15:20 API FFS Short Course - Part I

15:20 - 15:40: Afternoon Break

15:40 - 17:20 API FFS Short Course - Part II

17:20: Casual gathering of All participants with E²G and Frontium

Wednesday, July 14 to Friday, July 16

08:30 - 17:30 each day (except Friday until 12:30)

Room 1- Official 3-Day API-U FFS Course

Room 2- Official 3-Day API-U RBI Course

****Lunch is provided**

****Anticipated Future Events:**

1Q OR 2Q, 2011

: API PRESSURE RELIEVING SYSTEMS
(API 520/521)

3Q OR 4Q, 2011

: API DAMAGE MECHANISMS (API 571)



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