



BOOKING FORM: INTEGRITY, HOUSTON 2003

First Delegate Name.....
 Job Title.....
 Dietary requirements.....

Second Delegate Name.....
 Job Title.....
 Dietary requirements.....

Third Delegate Name.....
 Job Title.....
 Dietary requirements.....

(More delegates? Please photocopy the form or attach a list. Thanks.)

COMPANY CONTACT DETAILS

Name

Company

Training manager

Address (with post code and country)

.....

Telephone Fax E-mail

Signed **Job title**

CONDITIONS

- The booking form constitutes a legally binding contract.
- Trevor Jee Associates reserves the right to refuse admission if payment has not been received prior to the event.
- If you are unable to attend, you are welcome to substitute another person without penalty at any time.
- Trevor Jee Associates will hold your data on computer under the terms of the Data Protection Act.
- Bookings and cancellations must be in writing.
- If you cancel less than 2 weeks before the course begins, or if you fail to attend, the full fee remains due. If you cancel 2 weeks or more before the event an administration fee of \$150 is due.
- Should we cancel the course we will refund you in full, but will disclaim any further liability.
- We reserve the right to make changes if necessary.

PAYMENT

- I attach a check for \$ payable to Jee Ltd
- Please invoice my company \$..... **payable prior to the course**
- Please debit \$..... from my Switch/Access/Visa/Mastercard/Amex/Diners

Card No _ _ _ _ _

Expiry _ _ / _ _ Issue No (Switch only) _____ Security Code: _ _ _

Cardholder's signature _____ Name _____
 (as it appears on card)

Thank you for your booking. Please either fax this form toll-free (from USA) to 800 290 6853, or post it to 26 Camden Road, Tunbridge Wells, Kent, TN1 2PT, UK.

PRICES

The more delegates you book, the lower the cost per person.

Number	Price (\$)	Per Person (\$)
1	2650	2650
2	4770	2385
3	6890	2297
4	9010	2253
5	11130	2226
6	13250	2208



TREVOR JEE ASSOCIATES
ENGINEERING CONSULTANTS

Onshore and Offshore

Pipeline integrity management

An intensive technical course for
oil industry professionals

Houston

15-17 July 2003



Covers both onshore and offshore pipelines

ABOUT THE COURSE

It is vital for today's engineers and managers responsible for operating and maintaining onshore or offshore pipelines to have a firm understanding of the underlying engineering principles in order to make the correct recommendations and decisions.

Pipeline Integrity Management is an intensive three-day course where engineers can develop and practice the necessary skills. At the end of the course you should expect to understand the engineering to a level where you can use codes to do your own technical work under the supervision of an experienced engineer.

The format is straightforward. For each subject, we give a multi-media presentation. You do a technical exercise. Everyone discusses the results and the implications, backed up by a set of comprehensive notes, which will form a technical reference after the course.

All of this is set in a quality venue where you will have a comfortable learning environment away from the office. Also provided for each day of the public courses are refreshments throughout the day and a sit-down lunch.

WHO SHOULD ATTEND?

- Engineers
- Supervisors
- Technical specialists
- Graduates
- Managers
- Insurance assessors
- Government agencies

... involved with ...

- Pipeline operations
- Survey and integrity monitoring
- Maintenance
- Projects
- Commerce and Insurance
- Environmental, health and safety
- Graduate training

DAY 1

Routine operations

- Flow control
- Pigging
- Inhibitor injection
- Leak detection

Cathodic protection

- Anodes
- Impressed current
- Monitoring
- Interference of systems

External inspection

- Offshore survey techniques
- Onshore survey techniques
- Spans
- Upheaval buckling
- Instability
- Third party interference
- Remedial measures
- Risk-based inspection plan
- Group exercise

DAY 2

Internal inspection

- Gauging and geometry
- Magnetic flux pigs
- Ultrasonic pigs
- Other technologies
- Inspection of flexibles

Corrosion defects

- Internal corrosion causes
- External corrosion causes
- Pit and crack defects
- Pit assessment method
- Exercise/tutorial

Thermal buckling

- Thermal expansion
- Lateral and upheaval buckling
- Geotechnical considerations
- Software

DAY 3

Dent assessment

- Plain dents
- Dents with cracks/gouges
- Dent assessment method
- Exercise/tutorial

Spans

- End conditions
- Buckling
- Vortex induced vibrations
- Remedial measures

Onshore repairs

- Clamps and wraps
- Hot tap and stopple
- Welded sleeves

Offshore repairs

- Isolation
- Clamps
- Hyperbaric welding
- Mechanical repair

UPDATED THROUGHOUT



VENUE



The course is held at the JW Marriott Hotel on Westheimer by the Galleria in Houston. (www.marriotthotels.com)

The hotel is located in Houston's most cosmopolitan business and shopping district known as "Uptown Houston" or the Galleria area. There are over 350 nightclubs and restaurants nearby and Downtown Houston is only 15 minutes away.

If you require accommodation, please contact the hotel direct on + (1) 713 961 1500. The current room rate is \$189 + taxes.

PRESENTERS



PHIL MEDLICOTT
BSc PhD MIMechE CEng

Phil Medicott has over 25 years' experience working within the oil industry, with the last 3 years focussing on pipeline engineering. Activities include risk assessment, preparation of ISO Standards, VIV measurement, fishing gear impact and installation studies and the conduct of laboratory and field trials.

MARTIN EAST
BSc(Hons) MSc NRA
MIMechE CEng

Martin East is a pipeline engineer with 13 years' experience. He specializes in analysis and has experience of a wide range of structures and engineering problems across many industries. His work at Trevor Jee Associates includes assessment of spans, vortex-induced vibrations, lateral and upheaval buckling.



ABOUT OUR COURSES

Structured training

At Trevor Jee Associates we have worked with our customers to develop a suite of pipeline engineering courses (detailed opposite) to fully meet the training needs of their pipeline engineers.

In-company courses

These courses are also available to you in-company, tailored to your specification. Please call Trevor Jee to discuss your particular course requirements on + (44) 1892 544726

Forthcoming public courses

Overview	16-18 Sept 2003	Aberdeen
Design	28-30 Oct 2003	Aberdeen
Materials	4-6 Nov 2003	London
Integrity	18-20 May 2004	Aberdeen
Overview	21-23 Oct 2003	Houston
Design	18-20 Nov 2003	Houston
Construction	16-18 Mar 2004	Houston

Details and secure booking available on www.tja.co.uk

THREE EASY WAYS TO BOOK

- 1. Form** Complete and return the form overleaf by post or fax
- 2. Web** Book securely on-line from our website www.tja.co.uk
- 3. E-mail** Send the booking form details to Lhammond@tja.co.uk

Need to know more? E-mail Linda Hammond - Lhammond@tja.co.uk

We will send full joining instructions and a receipt to the company contact. To ensure admission, payment must be received before the event.