An essential awareness course for anyone working with flexible flowlines & risers.

This course has been developed by flexible pipe manufacturers and key companies associated with system design, failure mode analysis, and integrity management of flexible flowlines and risers. Our expert presenters will cover the following topics:

- Introduction to Flexible Pipe
- Design of Flexible Risers & Flowlines
- Installation of Flexibles
- Pre Commissioning/Commissioning
- De-Commissioning
- International Applications of Flexible Pipe
- Damage, Degradation & Failure Modes
- Integrity Management & Inspection

WHY WILL THIS COURSE BENEFIT YOU?

The course will provide enough knowledge for you to feel comfortable with your responsibilities. The course is beneficial to both engineers and non-engineers at various stages in their careers.

WHO SHOULD ATTEND?

This course is aimed at those who specify, purchase, approve, install, operate, manage the integrity of, or decommission flexible risers or flowlines, including jumpers.

Image courtesy of Oceaneering

Thank you to the presenting companies:
COURSE SCHEDULE

WEDNESDAY 10TH NOVEMBER

08.30  Registration

08.50  SUT Introduction

09.00  Introduction to Flexible Pipe
        Marius Martens, INTECSEA
        Selection of flexible pipe vs. rigid pipe
        Flexible riser concept selection
        Codes and standards
        Application of flexible pipe in Australian conditions

10.15  Morning Tea

10.30  Design of Flexible Risers & Flowlines
        TBC, Technip FMC
        The structure of different types of flexible pipes
        Materials: plastics and their selection; corrosion
        considerations for steel
        Flexibles track record
        Static flowline design
        Dynamic riser design, including dynamic analysis and
        fatigue analysis

12.30  Lunch Break

13.15  Design of Flexible Risers & Flowlines cont.
        Overview of ancillary equipment
        Future Technology (inc deepwater issues)

15.00  Afternoon Tea

15.15  Installation of Flexibles
        Wesley Palmer, Technip FMC
        Installation equipment (reels, carousels, etc)
        Considerations for selection of method, equipment,
        installation vessel etc.
        Installation analysis: load prediction, sea state
        limitations, minimum bend radius etc.
        Tie-in operations

17.00  Day end

THURSDAY 11TH NOVEMBER

09.00  Pre-Commissioning / Commissioning
        Nitin Repalle, 2H Offshore
        Post tie-In testing
        Monitoring and survey
        Filling, pigging and pressurising
        Requirements and acceptance criteria

10.30  Morning Tea

10.45  De-Commissioning / International Applications of
        Flexible Pipe
        Oliver Bevan, Subsea 7
        De-commissioning: plan for it before installation - makes
        retrieval easier
        Challenging North Sea installation – successful outcome
        Brazil flexible field development – an installation
        contractor experience

12.00  Lunch Break

12.45  Damage, Degradation and Failure Modes
        Jock McFarlane, Wood
        How design takes account of failure modes
        Practical experience – use, damage and failure
        Flexible pipe failure modes, and their mechanisms
        How integrity management is linked to failure modes
        Guideline on Flexible Pipe Integrity Management

14.45  Afternoon Tea

15.00  Integrity Management and Inspection
        Adam Parmenter, Wood
        Integrity versus asset management, what is the
        difference?
        What are the requirements of an IM system?
        How do you apply IM?
        A currently operating asset - study of an actual IM
        system in action

17.00  Course Finish

** SUT reserve the right to amend the course programme as required.

** Please note that all SUT courses are subject to minimum numbers. If minimum numbers are not met for the course to go ahead, the registration fee may be transferred to a future event or refunded in full.
REGISTRATION FORM

Please submit your registration to:
Renae Drew
Tel: + 61 (0) 8 9481 0999
Email: perthevents@sut.org

SUT Membership Number
Full name
Job title
Company
Address
Postcode
Telephone
Email
Signature

Course fees: (please tick)
Early Bird* Member $1090 AUD
Early Bird* Non-member $1300 AUD
Member $1360 AUD
Non-Member $1620 AUD
Student Member $ 440 AUD

The prices above are inclusive of GST. Early Bird registrations must be paid by 13th October 2021.

PAYMENT INFORMATION:
Please invoice (PO NO.)
or
Credit Card

Credit card Mastercard, Visa or AMEX* ONLY.
*Payment by AMEX wil carry a 2.75% surcharge, Visa a 1.5% surcharge.
Amex o Mastercard o Visa

Card number
Card holder’s name
Expiry date
Security Code (last 3 digits on the back of your card)
Email address to send receipt

Please tick here if you do not want to receive our weekly newsletter.

Cancellations: Refunds will be made on written cancellation received up to 10 working days prior to the event, but will be subject to a 15% administration charge. Cancellations received 9—4 working days prior to the event will be charged a 50% cancellation fee. Cancellations received 3—0 working days prior to the event will not be refunded.
Delegates may send a substitute in their place at no charge. Should there be any COVID related shutdowns that impact this course it will be run online instead of in person.