

Maximus Flow Assurance Software Training Course

Course location: KBC Process Technology Ltd, Westmead House, Farnborough, Hampshire, GU14 7LP, UK

Maximus is a steady state thermal hydraulic network simulator (reservoir to processing facilities, inclusive) and is capable of predicting production profiles for a wide range of network scenarios and to provide life of field input into key engineering investigations, such as Flow Assurance, Pipelines and Corrosion Engineering, Production Chemistry and Integrity Management. The course objective is to teach user how to use Maximus as an engineering tool and is aimed at engineering professionals (including students) who has basic knowledge of pipeline hydraulics and thermodynamics.

The course takes the form of a series of Exercises, during which attendees follow a series of printed instructions to build various models in Maximus at their own pace. These exercises are introduced by a series of PowerPoint slides that explain the main features and design concepts they introduce.

Programme

Day 1 8:30am to 5:00pm

8:30 Registration and Maximus Installation

- Introduction
- Nodes and Branches
 - Exercise 1: Sensitivity Analysis
- Life of Field Simulation
 - Exercise 2: Building a one well tieback

12:00 Lunch

- Compositions
 - Exercise 3: Pre-characterised Composition
- Model Variables and Events
 - Exercise 4: Model Variables and Events
- Optimisation
 - Exercise 5: Production System Optimisation Challenge

Day 2 8:30am to 5:00pm

- Recap of Day 1
 - Model Building, Model Variables
- Constrained Systems with Multiple Chokes
 - Exercise 6: Allocation and Hydraulic Potential of a Two Well System

12:00 Lunch

- Well Posed Problems
 - Exercise 7: Water Injection Pump Discharge Pressure Optimisation
- Communicating with Other Disciplines
 - Exercise 8: Reservoir Simulator Hydraulic Tables
 - Exercise 9: Multidimensional Reservoir Look-up Tables
- Q&A
 - Other Models
 - Troubleshooting Tips
 - Summary and Feedback

Course Requirements:

What to bring to the course

- A laptop with Windows 7 or higher and Microsoft Excel
- Administrative rights to install software on that laptop from a USB data stick
- Computer mouse

Provided on the day

- USB stick with all required installation software and electronic version of course literature
- Printed version of the course literature

Important Notice for Attendees:

All attendees will need to bring a laptop and ensure they have Administrator rights as we will need to install Maximus licenses for the course. .

Registration Information:

To register, e-mail the information on the registration form to thide@kbc.com. Please note if any changes are made to the course or venue for any reason, the participant or their representation will be contacted via e-mail.

Course Fees:

£1500.00 per person, excluding VAT

Includes: Lunch and tea/coffee during the Course
Printed course notes and 7 days trial license of Maximus software.

Course fees are payable in GBP upon receiving a corresponding invoice. Course fees must be paid prior to the first day of the course. If payment has not been made, the registrant or their representative should contact the Accounts Department on the first day of the training to make payment.

Substitutions & Cancellations:

Refunds will be made on written cancellation received up to ten working days in advance of the event, but will be subject to a 15% handling charge. 50% will be deducted up to three working days in advance and 100% thereafter up to the start of the event. No refund will be given for non-attendance. Delegates may wish to nominate a substitute in their place. Substitutions may be made at any time without penalty. KBC reserves the right to cancel any course session at any time. If we cancel a course enrollees will be given the opportunity to transfer to another course or receive a full refund.

Course Content

The course detailed in the programme is the course which will be provided, but KBC reserves the right to change/update the programme as it sees fit. Where an in-house course is provided, KBC can offer some tailoring of the course to suit the needs of the company, however this is subject to approval by the instructors, and should be agreed upon before booking. Please note the course programme is designed to maximise the benefit you receive from the training, and we will endeavour to keep the programme current and relevant.

Transport during the Course:

Delegates are responsible for their own travel arrangements at the beginning and end of each day. Directions to our Farnborough office can be found on <http://www.feesa.net/contactus.php>

Certificates

A Certificate of Completion is awarded to each participant who satisfactorily completes the course and will be awarded by the instructor(s) on the final day.

Registration Form

PRO FORMA INVOICE	
Dates:	
Reference:	Maximus Flow Assurance Software Training Course
Payment Terms:	Prior to course commencement

ATTENDEE DETAILS	
Attendee Name(s):	
Company Name:	
Address:	
Telephone/Email:	

DESCRIPTION	No. of Attendees	Cost	Sub-total
Maximus Flow Assurance Software Training Course			
		VAT @ 20%	
		Total	