

Faculty of Engineering
and Physical Sciences



UNIVERSITY OF LEEDS

Chemical Plant Commissioning

Wednesday 26 – Friday 28 June 2024



100% of 2023 respondents
said they would recommend
this course to colleagues

Chemical Plant Commissioning

Wednesday 26 – Friday 28 June 2024

Course Director

Professor Mike Fairweather, School of Chemical and Process Engineering, University of Leeds

Deputy Course Director

Dr Martin Pitt, Consultant

Deputy Course Director (Industrial)

Professor Paul Lunt, Commissioning, Start-up & Operational Readiness Consultant and Visiting Professor, University of Leeds

About the course

Exploring the intricacies of commissioning and start up procedures for process plants, this course caters to both big and small plants. Participants will learn various topics, including the strategic planning and managerial considerations for major plants, troubleshooting technical issues during small plant start-ups and navigating the documentation requirements in commissioning processes.

Led by industry experts with extensive experience in commissioning and start-up operations, this course provides a comprehensive overview of the commissioning process through engaging presentations, informative tutorials and real-world case studies.

Who should attend

Ideal for young graduate process engineers preparing for their first commissioning role, as well as seasoned professionals seeking to enhance their commissioning knowledge and skills for overseeing new plant commissions.

Course fees

The course fee includes comprehensive course materials, refreshments, lunches and the course dinner on Wednesday evening.

IChemE Member **£1490**
Non IChemE Member **£1580**

Substitutions may be made at any time without extra charge except that a non IChemE substitute will be liable to the £80 supplement on the standard registration fee.

Course accreditation

The Leeds Chemical Plant Commissioning course has been **Approved by the IChemE** and this course would count as **17 hours of Continuing Professional Development (CPD)**.



What our previous delegates say:

“A fantastic dedicated insight into commissioning chemical plants, delivered through speakers with extensive experience and academic insight.”

Liam Craig, Ureco

“In my current role as a Project Manager, the course fulfilled its intent to provide me an excellent insight into delivery of the commissioning phase and how we shouldn't underestimate the importance as often is the case.”
Nick Cook, ICL

Programme

Wednesday 26 June 2024

09:00 Registration and coffee

09:30 Opening address

Professor Mike Fairweather, University of Leeds

09:45 Introduction to plant commissioning

Dr Martin Pitt, Consultant

10:15 Pre-commissioning

Dr Martin Pitt, Consultant

11:00 Coffee

11:15 Tutorial exercise: Heat Transfer Utility

Dr Martin Pitt, Consultant

13:00 Lunch

14:00 Tutorial exercise presentations

14:30 Discussion on tutorial exercise

Dr Martin Pitt, Consultant

14:45 Developing effective commissioning plans and schedules

Martin Killcross, Commissioning Consultant, MK Commissioning Consultancy

15:30 Tea

15:45 Planning tutorial exercise

Martin Killcross and Dr Martin Pitt

17:15 End of day one

19:00 Course dinner

Thursday 27 June 2024

09:00 Coffee

09:15 Plant completion – dealing with complexity

Barry Monk, Director Commissioning & Start-up, Climeworks, Switzerland

10:00 Risk based commissioning and start-up

Professor Paul Lunt, Commissioning, Start-up & Operational Readiness Consultant and Visiting Professor, University of Leeds

10:45 Commissioning tutorial exercise

Professor Paul Lunt, Commissioning Start-up & Operational Readiness Consultant and Visiting Professor, University of Leeds and Dr Martin Pitt, Consultant

11:30 Coffee

11:45 Tutorial exercise continued

13:00 Lunch

13:45 Commissioning measurement and control systems – Hardware commissioning

David Stockill, Stockill Energy Management Systems Ltd

14:45 Tutorial exercise

David Stockill, Stockill Energy Management Systems Ltd

15:45 Tea

16:00 Commissioning measurement and control systems (contd) – Process control and loop tuning

David Stockill, Stockill Energy Management Systems Ltd

17:00 End of day two

Friday 28 June 2024

08:45 Coffee

09:00 The law, safety and the environment

Dr Martin Pitt, Consultant

09:45 Commissioning hazard studies

Professor Paul Lunt, Commissioning, Start-up & Operational Readiness Consultant and Visiting Professor, University of Leeds

10:30 Case Study – Commissioning small areas of plant

Richard Griffiths, BOC Ltd, a Linde company

11:15 Coffee

11:30 Case Study – Commissioning of large-scale plants

Gregg Dadson, Integration & Commissioning Manager, National Grid

12:15 Commissioning “Top Tips”

Martin Killcross, Commissioning Consultant, MK Commissioning Consultancy

13:00 Course review

Professor Mike Fairweather, University of Leeds

13:10 Buffet lunch

13:55 End of day three and course

View the full programme and book your place online at <http://eps.leeds.ac.uk/short-courses>

Please note, although we remain devoted to the programme specified, we reserve the right to vary the programme in detail if required to do so by factors beyond our control.

Further information

Venue

The course venue will be Weetwood Hall Estate which offers first-class hotel facilities, a business centre and ample parking facilities. Weetwood Hall Estate is ideally situated 15 minutes north of the centre of Leeds.

Further details can be found at www.weetwood.co.uk

Accommodation

The course will take place at Weetwood Hall Estate, which is situated to the north of Leeds at the junction of the A660 Leeds – Skipton road and the A6120 Outer Ring Road.

If you require accommodation, and wish to stay at the course venue Weetwood Hall Estate please contact Emma Barker or Stevie Standerline E: reservations@weetwood.co.uk / T: 0113 230 6000 quoting 'CPD' and the 'Chemical Plant Commissioning' course.

Bedrooms are subject to availability with free of charge cancellation 48 hours prior to arrival:

Tuesday – Thursday – bed and breakfast **£97**

Rates are per night for sole occupancy in a classic double room and inclusive of VAT.

A list of alternative hotels is available on request.

Course Dinner

The course dinner will take place on Wednesday evening at a Leeds city Centre restaurant and is included in the course fee. Transportation to/from Weetwood Hall is provided. The dress code is smart casual.

How to Book

Please book your place for this course through our secure Online Store, using debit or credit card, following the instructions below:

1. Visit our Online Store at: <http://store.leeds.ac.uk>
2. Select Conferences and Events in the left-hand navigation bar and 'CPD Faculty of Engineering and Physical Sciences'
3. Select the relevant course, click on 'Book Event' and complete your booking details

You will receive an automatic confirmation email within 24 hours of your booking.

Get in touch

Harriet Wills Course Coordinator
CPD, Conference and Events Unit
Faculty of Engineering and Physical Sciences
University of Leeds

T: +44 (0)113 343 2494

E: cpd@engineering.leeds.ac.uk

W: <https://eps.leeds.ac.uk/short-courses>

 [CPD, Conference and Events Unit, University of Leeds](#)

 [@LeedsUniCPD](#)

Terms and conditions for booking

Payment

Payment by debit/credit card should be made at the time of booking via the Online Store. If for exceptional reasons you are unable to book and pay online a purchase order document will be required to support a manual booking process. Our standard payment terms are 30 days from date of invoice however payment must be made prior to attendance. Attendance may be refused if payment has not been received.

Changes made by the University of Leeds

The course programme may have to be re-scheduled or the speakers changed for reasons outside our control. The University of Leeds reserves the right to cancel or postpone a course, in which case fees will be refunded in full. In the event of cancellation, the University will not be held liable for delegates' travel or accommodation expenses.

Where a delegate cancels a registration

For cancellations made within seven days of booking: a full refund is payable unless the course starts within the next seven days, in which case the full fee is payable and no refunds will be made.

For cancellations made after seven days of booking: written cancellations received up to 15 working days before the course will be subject to an administrative charge of 20% of the total fee. Within 15 working days of the course the full fee is payable and no refunds will be made.

For non-attendance: the full fee is payable and no refunds will be made. Appropriate course materials will be sent to the registered delegate.

In the event of cancellation, the University will not be held liable for or refund any incurred travel or accommodation expenses. Substitutions may be made at any time.

Data/Privacy

Your right to privacy is important to us. We will only use your information to provide information on our CPD courses and relevant events. We will not pass your details on to any other organisations. The ways in which your personal data may be used when you provide it to us are defined in our Privacy Notice at <https://eps.leeds.ac.uk/privacy>.

If you have opted in to receive details of future CPD courses from us you can unsubscribe at any time by emailing us at cpd@engineering.leeds.ac.uk and your details will be removed from our database.



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University of Leeds
Leeds, United Kingdom
LS2 9JT
0113 243 1751
www.leeds.ac.uk