

Faculty of Engineering  
and Physical Sciences



UNIVERSITY OF LEEDS

# Chemical Plant Commissioning

Wednesday 28 – Friday 30 June 2023



100% of 2022 respondents  
said they would recommend  
this course to colleagues

# Chemical Plant Commissioning

Wednesday 28 – Friday 30 June 2023

## 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

This course will deal with the commissioning and start up of both large and small process plants. It will cover many different aspects including the planning and managerial aspects of major plants, the start up of small plants with an emphasis on the technical problems and also dealing with the documentation associated with commissioning.

Typically we find that those attending will be about to embark on their first significant commissioning role and have come to learn from the wide experiences of the course presenters, all of whom have been associated with start ups themselves. There will be substantial emphasis on tutorial exercises in both commissioning and pre-commissioning.

## Who should attend?

This course will be of interest to young graduate process engineers about to take on their first major commissioning responsibility, and process engineers who want to strengthen their knowledge in commissioning in order to commission a new plant.

## Course fees

The course fee includes a comprehensive course manual, lunches and refreshments.

IChemE Member **£1440**  
Non IChemE Member **£1530**

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:

“This course is an absolute must for anyone looking to gain a deeper understanding of commissioning. The insights and knowledge gained are applicable to all types or projects, systems and applications. Very well delivered and thoroughly enjoyable.”  
**GSK**

“Excellent course which covers a fantastic range of really useful knowledge and through the engaging group activities has provided tools to kickstart upcoming commissioning projects.”  
**Briar Chemicals**

“An exceptional industry-led practical course covering every element of commissioning. A “must attend” for developing engineers, and those involved in commissioning.”  
**Severn Trent Water**

## Programme

### Wednesday 28 June 2023

- 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, Consultant
- 15:30 Tea
- 15:45 Planning tutorial exercise**  
Martin Killcross, Consultant and Dr Martin Pitt, Consultant
- 17:15 End of day one
- 19:00 Course Dinner

### Thursday 29 June 2023

- 09:00 Coffee
- 09:15 Plant completion – dealing with complexity**  
Barry Monk ChPP MAPM, Onshore Commissioning Services Contract Manager, Wood plc
- 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 continued - process control and loop tuning**  
David Stockill, Stockill Energy Management Systems Ltd
- 17:00 End of day two

### Friday 30 June 2023

- 08:45 Coffee
- 09:00 The law, safety and the environment**  
Dr Martin Pitt, Consultant
- 09:45 Commissioning hazard studies**  
Professor Paul Lunt, Johnson Matthey 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, Commissioning & Start-up Manager, National Grid
- 12:15 Commissioning “Top Tips”**  
Martin Killcross, Consultant
- 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](http://www.weetwood.co.uk)

### Accommodation

To book accommodation at Weetwood Hall Estate, please contact Stevie Standerline E: [reservations@weetwood.co.uk](mailto:reservations@weetwood.co.uk) or T: +44 (0)113 230 6000 quoting 'CPD' and the Chemical Plant Commissioning course.

The below rates are for a superior double room and include VAT: Tuesday – Thursday evening, bed and breakfast £92

Please book your accommodation at least two weeks before the course commences to guarantee rates and availability. A list of alternative hotels is available on request.

### Course Dinner

The course dinner will be held at a Leeds city centre restaurant and is included in the course fee. This will take place on Wednesday evening and transport to and from Weetwood Hall is provided. The dress code is smart casual. If you would like to attend please indicate when booking.

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

 [@LeedsUniCPD](https://twitter.com/LeedsUniCPD)

 [CPD, Conference and Events Unit,  
University of Leeds](https://www.linkedin.com/company/leeds-university-cpd)

## 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](mailto:cpd@engineering.leeds.ac.uk) and your details will be removed from our database.



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