Pharmaceutical Medical Gas Testing Update

Refresher and Reassessment Programme (2 day course)

Thursday 10 – Friday 11 November 2016

Essential update for QC (MGPS) personnel
Pharmaceutical Medical Gas Testing – Update

Refresher and Reassessment programme (2 Day course) Thursday 10 – Friday 11 November 2016

Course director
Theresa Hughes – Course Director
Principal QA Pharmacist
Royal Berkshire NHS Foundation Trust

Course aims
The two day refresher and reassessment programme is specifically designed for those who are required to take the formal assessment of competency required under HTM02 every five years. The aim is to give an opportunity for QC (MGPS) personnel to be aware of developments and best practice.

The course is delivered by presentations, discussions and practical hands-on sessions illustrating the principles of pharmaceutical medical gas testing.

The course will include:
- Demonstration of testing with a range of equipment
- Troubleshooting and assessing defective systems
- Active assistance from experienced tutors

Formal assessment
Competency will be evaluated by informal observation of practical skills and a written exam at the end of the course. Please note, the reassessment process is of the delegates general knowledge of Medical Gas Testing, not necessarily of the knowledge gained during this short course. This is to assure ongoing competence of those retained on the QC(MGPS) register under HTM-02-01.

Learning objectives
On completion of this course, delegates will be able to:
- Demonstrate a knowledge of relevant pharmacopoeial monographs, HTM 02-01
- Demonstrate a knowledge to health and safety relating to medical gases
- Demonstrate a knowledge of medical gases production
- Make critical assessment on health and safety issues such as OES, MEL and STEL
- Identify and resolve problems associated with medical gas systems
- Interpret test results of medical gas systems and take appropriate actions
- Identify and resolve any problems associated with testing equipment
- Document relevant activities and interventions

Who should attend?
This course will be suitable for pharmacists and other health professionals with experience and responsibilities for, or an interest in, medical gas testing. This course is of particular importance to those who require the formal assessment of competency under the HTM02.

What our previous delegates say:
“Essential up-date for equipment and techniques in MGPS and an ideal opportunity for networking”
“A very informative, practical course which includes the assessment required. Highly recommended as an update for QCMGPS”
“A must for Medical Gas Testing QC officials”

Pharmaceutical Medical Gas Testing – 5 day course
The full five Pharmaceutical Medical Gas testing CPD course is scheduled to take place in collaboration with The University of Manchester on Monday 6 – Friday 10 February 2017; please contact the CPD team for further details at cpd@healthcare.leeds.ac.uk

Programme

Thursday 10 November 2016

09:15 Registration and coffee
09:45 Introduction and update on policy
Theresa Hughes, Course Director
Tim Sizer, Regional QA NHS Bristol
10.15 Hyperbaric Systems
Richard Sutherland, Omicron Projects
11.00 Instrument Calibration
Adrian Fairbrother, QC (MGPS)
11.30 Coffee
11.50 Recent incidents and stories to learn from
Theresa Hughes
12.40 Introduction and explanation of workshops
Theresa Hughes, Course Director
12.50 Lunch
13.35 Transport to Midland Medical Services
13.50 Workshop Sessions
Facilitated by Theresa Hughes
Course Director
- Advanced skills in: oxygen analysis
  Andrew Sully, Cardiff & Vale University Health Board
- Advanced skills in: Contaminant analysis
  Adrian Fairbrother, QC (MGPS)
- Advanced skills in: moisture testing in medical gases
  Keith Butler, Alpha Moisture Systems
- Advanced skills in: medical gases issues with anaesthetic trolleys
  Steve Connew, Colchester Hospital University NHS Foundation Trust
- Advanced skills in: Connectology & testing through hoses
  Paul Jones, QC (MGPS)
17.00 End of day one and return transport to the Village hotel
19.30 Course dinner

Friday 11 November 2016

09:00 Introduction to Assessment
Tim Sizer, Regional QA NHS Bristol
09.15 Assessment
Tim Sizer, Regional QA NHS Bristol
10.00 Equipment display and coffee
10.30 Testing and commissioning Big Builds
(use of back feeding kit, back-up manifolds, issues with new VIEs and manifold replacement)
Paul Jones, QC (MGPS) & Consultant (Medical Gases)
11.15 The status of current standards and what is in development in cylinders
Mark Mine, H A C Medical Gas Training & Services Ltd
11.45 Surgical CO2, testing and pipeline development
Paul Jones, QC (MGPS) & Consultant (Medical Gases)
12.15 Networking lunch and equipment display
12.50 Lunch
13.15 Assessment feedback – practical and theory
Tim Sizer, Regional QA NHS Bristol
13.35 Living with less oxygen – Oxygen wastage and conservation
Steve Connew, Colchester Hospital University NHS Foundation Trust
14.20 Medical Gases – A prescribers view and future trends
Dr Ian White, Consultant Intensivist and Anaesthetist, Ashford and St Peter’s Hospital Trust
15.00 Close of course and issue of certificates

Accreditation
The Pharmaceutical Medical Gas Testing Refresher and Reassessment programme has been jointly organised by the NHS, the Technical Specialist Education and Training (TSET), University of Leeds and the University of Manchester.
Administration Details

Venue
The 2 day refresher course will take place at the Village Hotel, Dudley, DY1 4TB with practical sessions at Midland Medical Services a short distance away.

Full directions to the venues will be included within the delegate joining instructions.

Course fees
The following course fees include the cost of tuition, course materials, lunches and light refreshments. Delegates are responsible for their own evening meals except on Thursday 10 November when the course dinner is included. £520

Accommodation
Bed and breakfast accommodation can be booked on behalf of delegates at the Village Hotel (Dudley) and this can be added to your invoice, if required. All rooms are double for sole occupancy and have en-suite facilities.

We have negotiated the following special rates:
Wednesday – Thursday evening (bed and breakfast)
£89.00 per night (sole occupancy)

Course dinner
The course dinner will be held at the Village Hotel restaurant on Thursday evening and is included in the course fee. If you would like to attend please indicate when booking.

Special requirements
Potential delegates who have any special requirements should contact the course coordinator as soon as possible.

How to book
Delegates can book their place via our secure online store (using debit or credit card) or by completing a manual registration form (to pay via invoice). Please follow the guidance below on how to complete your booking:

Manual registrations
1. Email cpd@healthcare.leeds.ac.uk to request a registration form or call +44 (0)113 343 2494
2. Send your completed registration form along with payment or purchase order document to the address below.

Payment can be made by bank transfer, credit card, or by cheque made payable to the ‘University of Leeds’. Please note that if you have requested an invoice, registrations received without a supporting purchase order document cannot be processed.

Terms of payment are 30 days from date of invoice. Fees must be paid no later than 15 working days before the course commences.

Online booking
1. Log on to our Online Store at: https://store.leeds.ac.uk/
2. Select Conferences and Events in the left-hand navigation bar.
3. Select CPD Pharmaceutical & Healthcare courses
4. Select the course or event for which you wish to register and click on ‘Book’.
5. If you are a new user, please follow the instructions to register. If you already have an account log in as instructed.
6. Complete the application process as directed by the booking system.

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

For online booking queries and for all other enquiries please contact:
Jenna Kellett
CPD, Conference & Events Unit,
Faculty of Engineering,
School of Civil Engineering, G.04,
University of Leeds, Leeds, LS2 9JT, UK
T: +44 (0)113 343 2494
E: cpd@healthcare.leeds.ac.uk
W: www.engineering.leeds.ac.uk/short-courses/

Terms and conditions for booking
Payment in full should accompany your booking unless you have requested to pay by invoice (in which case a valid purchase order document must accompany your registration). Terms of payment are 30 days from invoice and invoices must be paid in full no later than 15 working days before the course commences. Failure to pay may result in attendance being refused.

Registrations are accepted on the understanding that the printed programme is given in good faith but 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 the 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.

Delegates will receive a full refund for cancellations made within 7 days of online booking, except where the booking has been made for an event commencing within the next 7 days. Where a delegate wishes to cancel a registration after this 7 day period, written cancellations received up to 15 working days before the course will be subject to an administrative charge of 20% of the total remittance. After this date the full fee is chargeable and no refunds will be made, this also applies for non-attendance but copies of the course documents will be sent. Substitutions may be made at any time.

If you are unable to complete your registration using the online booking system please contact the CPD, Conference & Events Unit to discuss alternative arrangements.