



Health Sciences
Pharma Biotech
Consulting



The right people. The right solution. The first time.™

30 Years of Patient Protection

QP Practical Module

(Formulation, Manufacturing, Analysis & Biologics)

9-13 May 2016 | Glasgow

www.nsf.org



University of
Strathclyde



About This Course

In an ever-changing pharma world it is a challenge for QPs and prospective QPs to gain a functional understanding of the equipment and processes used to manufacture and test today's dosage forms.

This course provides hands-on experience to trainee QPs wishing to gain better understanding of what really happens in manufacturing and testing.

Share knowledge with industrial and academic experts, solve real life QP problems.

Benefits

- > Totally practical, hands-on lab based training at one of the top schools of pharmacy in the UK
- > MSc level training with a real industrial perspective
- > Understanding the "why" behind the pharma industry processes
- > Getting closer to products than is possible in a GMP environment
- > Find out what's really important for your starting materials; use this knowledge to help with your risk based supplier management programs

We don't just train to pass a Viva – we take the time to prepare you to excel. Our detailed educational documentation grows to a lifelong reference library.



Course Outline

Sterile Products

- > Manufacture a terminally sterilized injection
- > In process controls and environmental monitoring
- > Inspection, analytical testing and sterility testing
- > Find out what's really critical

Tablets

- > Wet and direct compression technique
- > In process controls
- > What goes wrong and the challenges faced by the QP
- > Critical control points and critical quality attributes

Bioprocessing

- > Introduction to bioprocess techniques
- > Equipment, medium designs and strain selection
- > Methods of operation
- > Monitoring and control
- > Downstream processing

Analysis

- > A range of analytical techniques to test raw and finished products
- > QP information to make decisions
- > Understand your analyst

Delegates on previous QP Practical Module courses said...

“The hands-on experience was very useful, building on the theory well. Lecturers were very friendly, helpful and knowledgeable.”

David Bell, Reckitt Benckiser, UK

“The tutors were really supportive. Also delegates were sharing their own experience which was really helpful.”

Syantani Nath, APC Pharmaceuticals & Chemicals (Europe), UK

“Great lecturers – very informative. Good to see theoretical lectures put into practise.”

Lee Heading, Napp Pharmaceuticals, UK

For more information, call **+44 (0) 1751 432 999**, email **QPpharma@nsf.org** or visit **www.nsf.org/info/pharma-training**



On-Site Training

This course can be brought on-site to reach a wider internal audience of QPs and those who support QPs.

Your Tutors



Mike Halliday

MRPharmS, PGDip

Mike has extensive experience as a hands-on tablet compression manager and manufacturing manager responsible for solid dose, LCO and aseptic manufacturing for major multinationals.



Oona McPolin

MSc, CSci, CChem, MRSC

Oona is a specialist in pharmaceutical analysis with over 20 years' experience working in cGMP pharmaceutical laboratories. She is an expert in a range of analytical chemistry topics, including: data integrity; development, validation, and transfer of analytical methods; and HPLC.



Erika Notman

BSc, MBA, CBiol, FRSB, MRSPH

With over 25 years' experience in the production and control of pharmaceuticals, latterly working within a CMO, Erika has worked with sterile and non-sterile products as a QP and in worldwide QA. She is passionate about the need to establish excellent working relationships throughout company operations.

Plus tutors from the University of Strathclyde's School of Pharmacy.

This course offers enhancement for the following career paths:



Qualified
Person
Training (EU)



For more information on our auditing, training and consultancy services contact pharmamail@nsf.org or visit www.nsf.org

NSF Health Sciences

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