

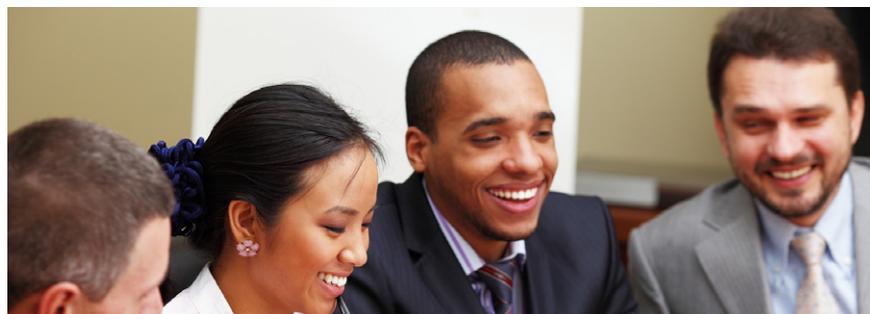
Practical Risk Assessment Training

Course introduction

This training course has been arranged by Chemical Watch and Chemical Risk Manager, and offers a practical introduction to regulatory safety and risk assessment.

Day One offers a comprehensive coverage of the basics of risk assessment, including what it achieves. This day is intended for those who have little or no knowledge of Risk Assessment. The learning outcomes are to allow those attending to understand the key data endpoints that make up safety assessment and risk assessment, and to see how the different disciplines fit together and link to exposure assessments (for both human health and the environment). The day will cover chemistry, toxicity and environmental topics and will link these to the DNELs, ADIs, PNECs and routes of exposure. Real life examples will be included as part of the group work to illustrate the concepts which are covered during this session.

Day Two puts risks assessment into practice. This day will look at factors that may influence testing methods together with the justification of test waivers where laboratory work is not required to conclude a hazard and risk assessment. This day will include some practical work. It will follow a test programme through from start to finish using data from a real substance and the detail from the previous day will be put into real-life context.



Who should attend?

Professionals within industry, governments, universities and consultants, who want to gain or improve their knowledge of chemical risk assessment.

Course leaders



Laura Robinson

is a qualified toxicologist and chemist with over ten years' experience in health, safety and environmental issues, as well as chemical compliance.

Laura is an accomplished toxicology trainer, consultant and author of two published books on toxicology. Her third book 'A practical guide to toxicology and human health risk assessment' (John Wiley & Sons) will be published in 2018.



Mark Selby

has worked in the area of regulatory science for over 20 years, starting with a UK-based speciality chemical manufacturer at the time that the EINECS list was closing. Working now as an independent consultant,

Mark advises industry on the use of data for classification and labelling, the testing of chemical products and submission processes in support of EU chemical supply legislation.

Day 1 - Tuesday 26 June 2018 Introduction to Regulatory Safety and Risk Assessment

- 08:45 Registration
- 09:15 Introductions
- 09:30 Introduction to risk assessment
- The basics of risk assessment
 - What it achieves
 - General requirements
- 10:00 Risk Communication (eSDS)
- Risk, hazard and exposure
 - When an SDS, CSR and exposure scenario is needed
 - What it should contain
 - What it is intended to do (human health and the environment)
 - Definition of the terminology - setting the scene for the rest of the day
- 10:45 Refreshment break
- 11:00 Basic chemistry
- Importance of chemistry
 - Relevance for computer modelling
- 11:30 Hazard identification
- Hazard characterisation
 - Human health data gathering
 - Evaluation of data including suitability of each endpoint for risk assessment purposes
 - Identification of critical studies, dose descriptors, dose response relationships
- 12:30 Lunch
- 13:15 Environmental fate and effects
- Data gathering for environmental fate and effects
 - Relevance of endpoints for risk assessment and derivation of PNEC
- 14:00 Refreshment break
- 14:15 Exposure assessment and risk characterisation
- Measured vs modelling approach
 - Populations that need to be considered (worker, professional user and consumer exposures) and environmental exposures
 - Use categories and use descriptors
 - Operating conditions and risk management measures (human health and the environment)
- 16:15 Questions
- 16:30 Close of day

Day 2 - Wednesday 27 June 2018 Putting Risk Assessment and Product Stewardship Into Action

- 08:30 Registration
- 09:00 Recap of previous day
- Reminder of data requirements and basics of a risk assessment
- 09:30 Introductions and formal start of Day 2
- 09:40 Physico-chemical data and importance in portioning and exposure estimation
- Relevance of physico-chemical data and chemical structure assessments
 - Predictions based on chemistry
 - Chemical degradation and dissociation
- 10:15 Interpretation of toxicity data to provide link to metabolism
- Acute and repeat toxicity data
 - Indicators of dermal exposure
 - Indicators of metabolic processes
 - Significant of target organs
- 10:45 Refreshments
- 11:00 Environmental data
- Significance of biodegradation curves
 - Assessment of food chain concerns
- 11:30 Risk characterisation and risk-benefit
- Introduction to level of risk
 - Risk management options
 - Socio-economic and acceptable risks
 - Controls
 - Introduction to the group work scenario
- 12:00 Introduction to the group work
- Setting up groups
 - Introduction to first task (hand-outs and instructions)
 - Initial break-out session
- 12:30 Lunch
- 13:15 Group Work
- Interactive process with break-out session and convening 'meetings', with course tutors providing support
- 16:15 Questions
- 16:30 Close

Prices

Full price	- US\$ 1200(+VAT)
CW Subscriber	- US\$ 1000 (+VAT)
Early bird price - if booked before the end of April 2018	- US\$ 1000(+VAT)
CW Subscriber Early bird price - if booked before the end of April 2018	- US\$ 800 (+VAT)

Payment options

- Invoice payable by bank transfer, credit card or cheque made payable to CW Research Ltd
- Online using our secure order form

Payment must be made before the training course starts

Three ways to register

 www.events.chemicalwatch.com/62881/practical-risk-assessment-training

 events@chemicalwatch.com

 +44 (0)1743 818 293

Location

PARKROYAL on Pickering

3 Upper Pickering Street,
Singapore 058289

Phone: +65 6809 8888
Toll-Free: 0800 0850 248
F: +65 6809 8889

We have arranged a special bedroom rate for Conference participants at the PARKROYAL on Pickering hotel.

Participants will be sent a link for booking hotel accommodation directly with the hotel.

Event times

Day one

26 June 2018, 08:45 - 16:30

Day two

27 June 2018, 08:30 - 16:30

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