



Advanced Radiation Safety Officer Training Course

24 - 28 November 2014

This is to certify that

Mark Nicolai

has completed a course designed to train participants in Advanced Radiation Safety and has gained a Pass in the course assessment.

Summary of Course Content

Scientific Background	Personal Dosimetry
Workshop: Review Radiation Basic Equations	Tour of OPAL
Biological Effects & Radiation	Industrial Radiation
Introduction to Radiation Protection Principles	Working with Sealed Radiation Sources
External Radiation Hazard & Methods to Minimise Radiation Exposure	Workshop: Safe Transport of Radioactive Materials
Mechanisms to Minimise Internal Radiation Hazards	Workshop: Shielding of Ionising Radiation
Workshop: Derived Air Concentration	Workshop: Contamination & Decontamination
Tour of GATRI	Working with Unsealed Sources
Ionising Radiation in the Environment	Working with X-Ray Equipment
NORMS in Industry	Legislation, Codes of Practice and Resources
The Chart of Nuclides	Workshop: Codes of Practice
Workshop: Radiation Protection Calculations	Accident & Emergency Responses, Codes & Standards
Detection and Measurement: Types of Instrumentation & Design	Role of a Radiation Safety Officer
Detection and Measurement: Choosing the Right Instrument	Radioactive Waste Management in Australia
Practical: Monitoring Exercise	Workshop: Radiation Protection Scenarios
Tour of Calibration Facility & Demonstration of Instrument Calibration	Workshop: Developing a Radiation Management Plan
	Workplace Scenario Workshop
	Radioactive Waste Management
	Source Security
	Workshop: Safety Assessment

A handwritten signature in black ink, appearing to read "A.P.P.", written over a light blue background.

Andrew Popp
Consultant Health Physicist