

Copyright Statement

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INTECH

Canadian Nuclear Data Analyst Course

Instructors

Steven H. Simpson

- Metallurgical Technologist
- Performing ECT on SG tubing since 1991
- CGSB, ASNT Level II & QDA
Certifications
- Intech, Zetec, OPG, B&W
- Developed Zetec's DQV software

Instructors

Mike Schneider

- CGSB Level III
- Resolution analyst OPG
- 10 years at B&W Nuclear Services
- 16 years nuclear service business

Course Details

- 40 hours
- 40% lecture, 60% practical
- Certificate awarded to successful participants

Testing

- 5 x 10 question multiple choice questions
- Practical exam (~50 tubes)
- 80% Overall, 70 Composite

Course Outline

- Codes and Influential Organizations
- Probes Technologies
- EddySuite 2.0 Tutorial & XProbe Presentation
- Plants and Vessels
- Flaw Mechanism and Analysis Techniques
- Training Data
- Practical Exam

Timetable

Day 1	8-830AM	Course Introduction	
	830-11:00AM	Organizations	SS
		Codes and Standards	
	11AM -12 PM	Test 1	
	1-4 PM	Plants and Vessels	MWS
		Flaw Mechanisms Lecture	
4-5 PM	Test 2		
Day 2	8-11AM	Probes	SS
		XProbe Characteristics and Operations (Zetec)	
	11AM-12PM	Test 3	
	1-1:30PM	Techniques Primer	
	Day 3 / 8-11AM	Flaw Mechanisms Analysis	MWS
	Day 2	Test 4	
Day 3	Day 3 / 1- 3PM	EddyNet Suite Primer	SS
		EddyNet Suite Tutorial	
		XProbe Analysis Lankin	
	Day 3 / 3-4 PM	Test 5	
Day 4	Day 4	Practice Data	
Day 5	Day 5	Practical Exam	

For whom is the course designed?

- CGSB/ASNT Level II or III ECT
- little or no nuclear SG analysis experience in Canada
- preparing to participate in nuclear steam generator inspection in an analysis roll at a CANDU facility

Objectives

Knowledge of the following areas...

- Regulations and guidelines
- Zetec EddySuite 2.0 analysis software
- Data flow, groups and responsibilities
- SG nomenclatures
- Flaw Mechanisms found in CANDU Steam Generators
- Bobbin, XProbe and +Point probes
- Analysis Techniques

Demonstrate knowledge in exam situation