

RiskSpectrum® PSA Advanced Training Course

Agenda 18-20 May 2010

This document includes the agenda for a three days RiskSpectrum PSA Advanced Training Course organised by Scandpower.

This course has additional time allocated for discussions and participants are encouraged to send questions ahead of time so that these can be addressed by the tutor during the course.

Each day starts at 9:00. When each day will finish is very much dependent on the number of questions raised during the discussions and presentations. The time for finish included in the agenda is the latest hour when the training finishes.

Day 1

9:00 – Lunch		RiskSpectrum Advanced Training	
Subject	Activity	Duration (hours)	
Introduction	Presentation	1/2	
Outlook on PSA/PRA use & applications World-Wide	Presentation	1	
How to use the RiskSpectrum Software Suite:	Presentation	1	
RiskSpectrum PSA			
RiskSpectrum HRA			
RiskSpectrum FMEA			
RiskSpectrum Doc			
RiskSpectrum RiskWatcher			
R-DAT			
Time for discussions	Discussion	1/2	

Lunch - 17:00		RiskSpectrum PSA Advanced Training	
Subject	Activity	Duration (hours)	
Data management – Advanced use	Pres. + Exercise	2	
Finding and Extracting Information			
Tag and filter			
Assign, remove and replace references			
Branch Point Alternatives – Advanced topics	Pres. + Exercise	1	
Time for discussions	Discussion	1	

Day 2

9:00 – Lunch RiskSpectrum PSA Advanced Training

Subject	Activity	Duration (hours)
How to use RiskSpectrum software for improved QA	Presentation	1
Review and update	Pres. + Exercise	1
Using record status for model review, etc		
Tag by date and propagate tag		
Documentation	Pres. + Exercise	1
Printing Reports in RiskSpectrum PSA		
Introduction to RiskSpectrum Doc		
Export to Word/text file		

Lunch - 17:00 RiskSpectrum PSA Advanced Training

Subject	Activity	Duration (hours)
New development - When and how to use...	Pres. + Exercise	3
Inheritance of BC Sets between linked Event Trees		
C-BDD solution Engine (CutSet Binary Decision Diagram)		
Mutually Exclusive Events		
Consequence Matrix		
Time for discussions on Analyses	Discussion	1

Day 3
9:00 – Lunch RiskSpectrum PSA Advanced Training

Subject	Activity	Duration (hours)
NOT-logic	Pres. + Exercise	2
Qualitative and quantitative treatment of XOR, NOR, and NAND-gates		
When to use Ignore ET Success, Logical ET Success, Logical and Simple Quant		
Analyses – Advanced use of...	Pres. + Exercise	1
MCS Editor		
Post Processing		

Lunch - 16:00 RiskSpectrum PSA Advanced Training

Subject	Activity	Duration (hours)
Export and Import	Pres. + Exercise	2
Export and import data using RiskSpectrum internal binary format, ASCII, XML and MS Excel format		
Time for discussions	Discussion	1