

Cyclotron and PET – Regulatory Inspection and Licensing

With Onsite Inspection

Sample Agenda

<p>Monday, Day 1</p> <p>Start Time: 9:00 am</p>	<p>Official Opening</p> <p>Course Overview Welcome and Introductions, Review Agenda, Housekeeping Rules</p> <p>Introduction to Cyclotron Technology</p> <p>IBA, GE and ABT Cyclotrons, Changing Technology</p> <p>BREAK</p> <p>Introduction to Targets and Isotope Production</p>
<p>12:00 – 12:45</p>	<p>LUNCH</p>
<p>Start time: 12:45 pm</p> <p>End Time: 4:30 pm</p>	<p>More on Targets and Isotope Production</p> <p>BREAK</p> <p>Introduction to Shielding and Wiring</p> <p>Questions and Discussion</p> <p>Summary of Day 1</p>

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<p>Tuesday, Day 2</p> <p>Start Time: 9:00 am</p>	<p>Brief Review of Day 1</p> <p><i>Management and Supervision of Operations, Training of Workers</i></p> <p>Safety and Prevention of Loss of Radioactive Material, Security Measures</p> <p>BREAK</p> <p>Device and Radioactive Material Shielding</p>
<p>12:00 – 12:45</p>	<p>LUNCH</p>
<p>Start time: 12:45 pm</p> <p>End Time: 4:30 pm</p>	<p>Radiation Dosimetry Program</p> <p>BREAK</p> <p>Radiation Detection Instrumentation</p> <p>Questions and Discussion</p> <p>Summary of Day 2</p>

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Wednesday, Day 3 Start Time: 9:00 am	Brief Review of Day 2 Licensing Overview, Licensing of Cyclotrons BREAK Licensing of Cyclotrons (continued)
12:00 – 12:45	LUNCH
Start time: 12:45 pm End Time: 4:30 pm	Licensing of Isotope Production and Distribution BREAK Overview of Inspection Process Questions and Discussion Summary of Day 3

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<p>Thursday, Day 4</p> <p>Start Time: 9:00 am</p>	<p>Brief Review of Day 3</p> <p>Transportation of Radioactive Material</p> <p>Waste Management</p> <p>BREAK</p> <p>Instrument Calibration</p> <p>Use of Survey Instrumentation</p>
<p>12:00 – 12:45</p>	<p>LUNCH</p>
<p>Start time: 12:45 pm</p> <p>End Time: 4:30 pm</p>	<p>Review of Country Inspection Procedures</p> <p>Review of Country Inspection Documentation</p> <p>BREAK</p> <p>Group Exercise – Response to Mock Inspection Observations</p> <p>Questions and Discussion</p> <p>Summary of Day 4</p>

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Friday, Day 5 Start Time: 9:00 am	Brief Review of Day 4 Feedback and Coaching on Mock Inspection Activities and Observations Group Exercise – Review of License Application BREAK Group Exercise – Review of License Application
12:00 – 12:45	LUNCH
Start time: 12:45 pm End Time: 4:30 pm	Group Exercise – Review of License Application (continued) BREAK Group Exercise – Identify Licensing and Inspection Program Improvements Overall Course Wrap-up, Final Q/As and Course Evaluation Award Course Certificates and Closing remarks

The Workshop Instructors will provide Breaks throughout the day at a suitable stopping point in their instructions. A 45-minute lunch break will be provided at approximately 12:00 PM (noon).