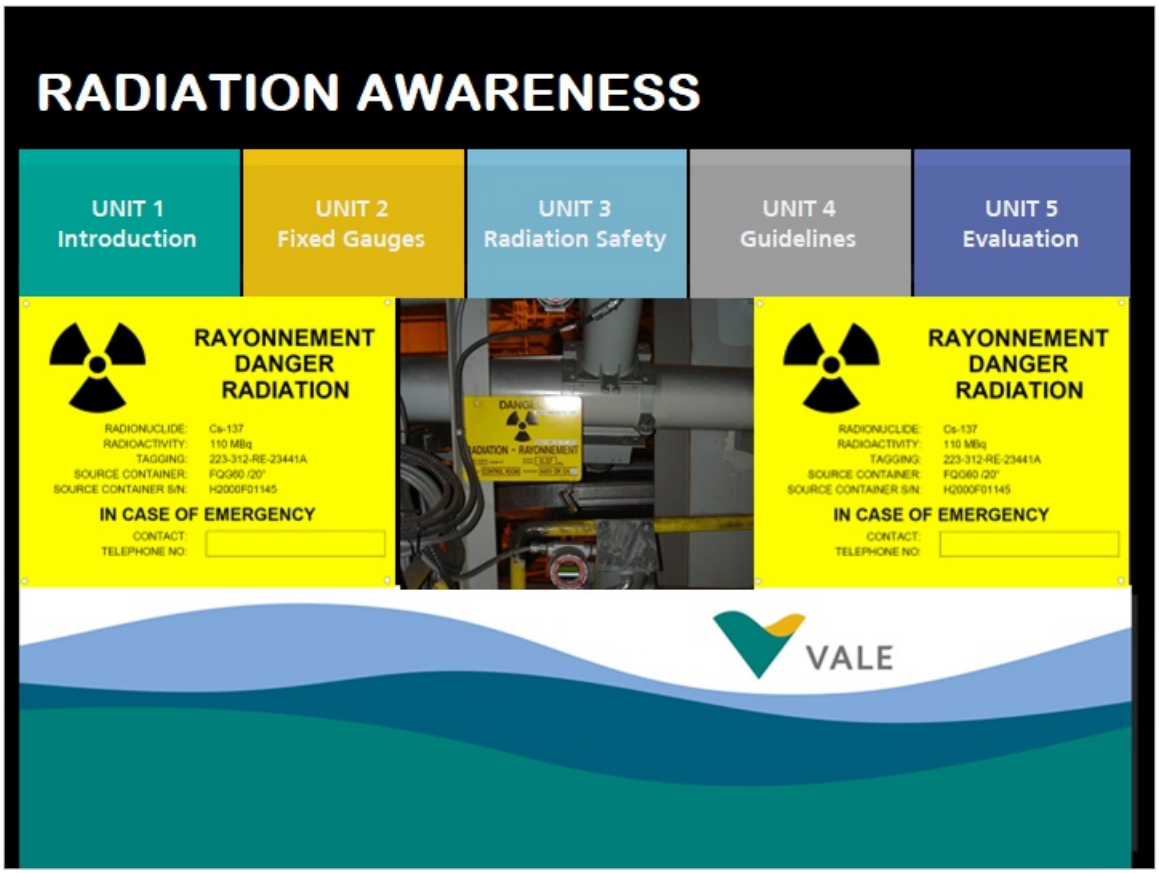
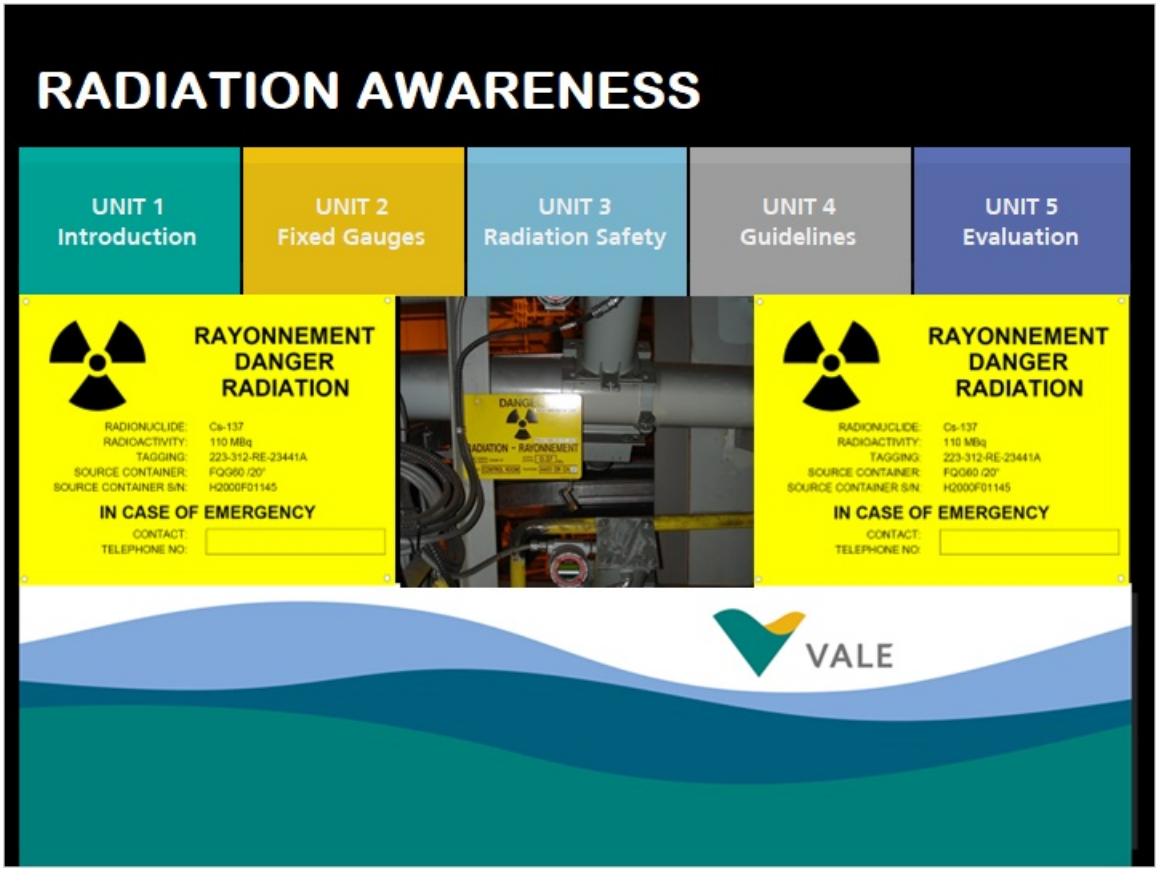
LH: Radiation Awareness CBT Orientation - 63

1. Introduction

1.1 Home



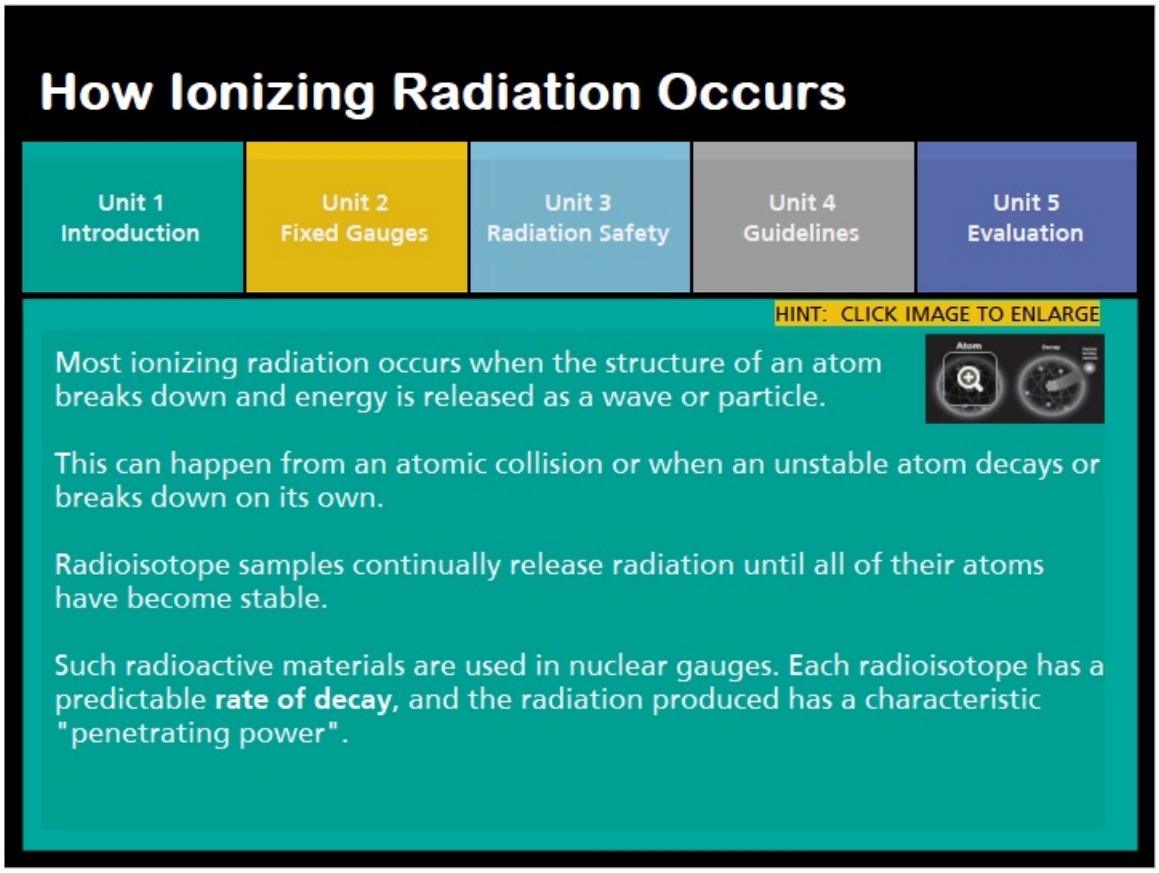
Untitled Layer 1 (Slide Layer)



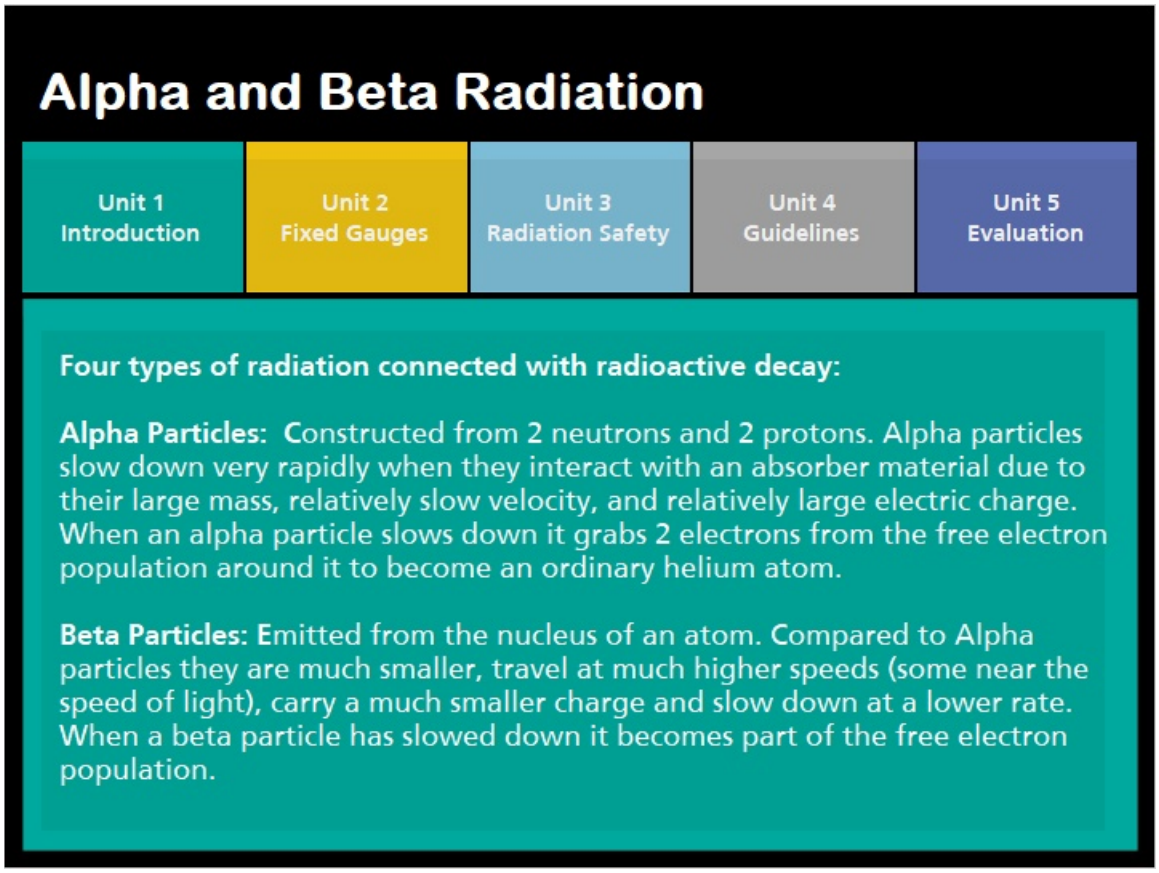
1.2 Course Objectives

1.3 CNSC Video

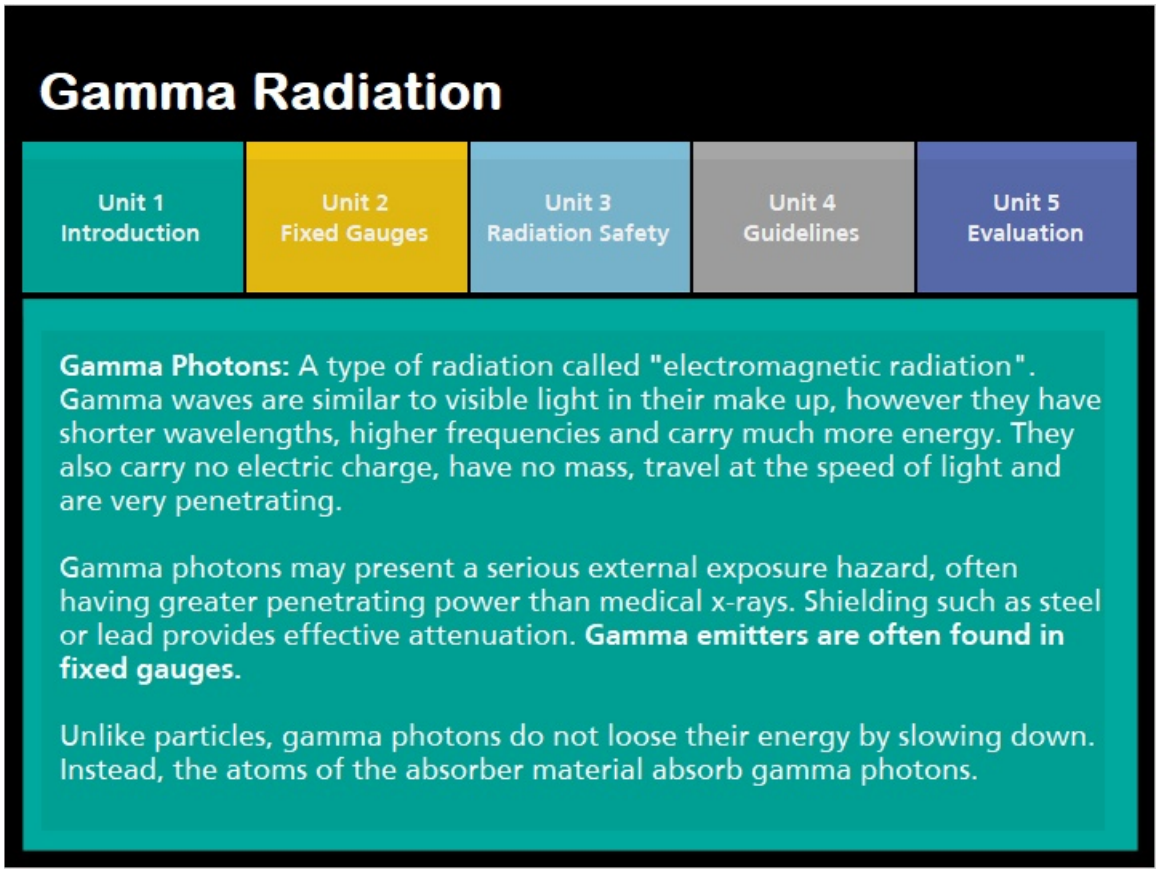
1.4 How Ionizing Radiation Occurs



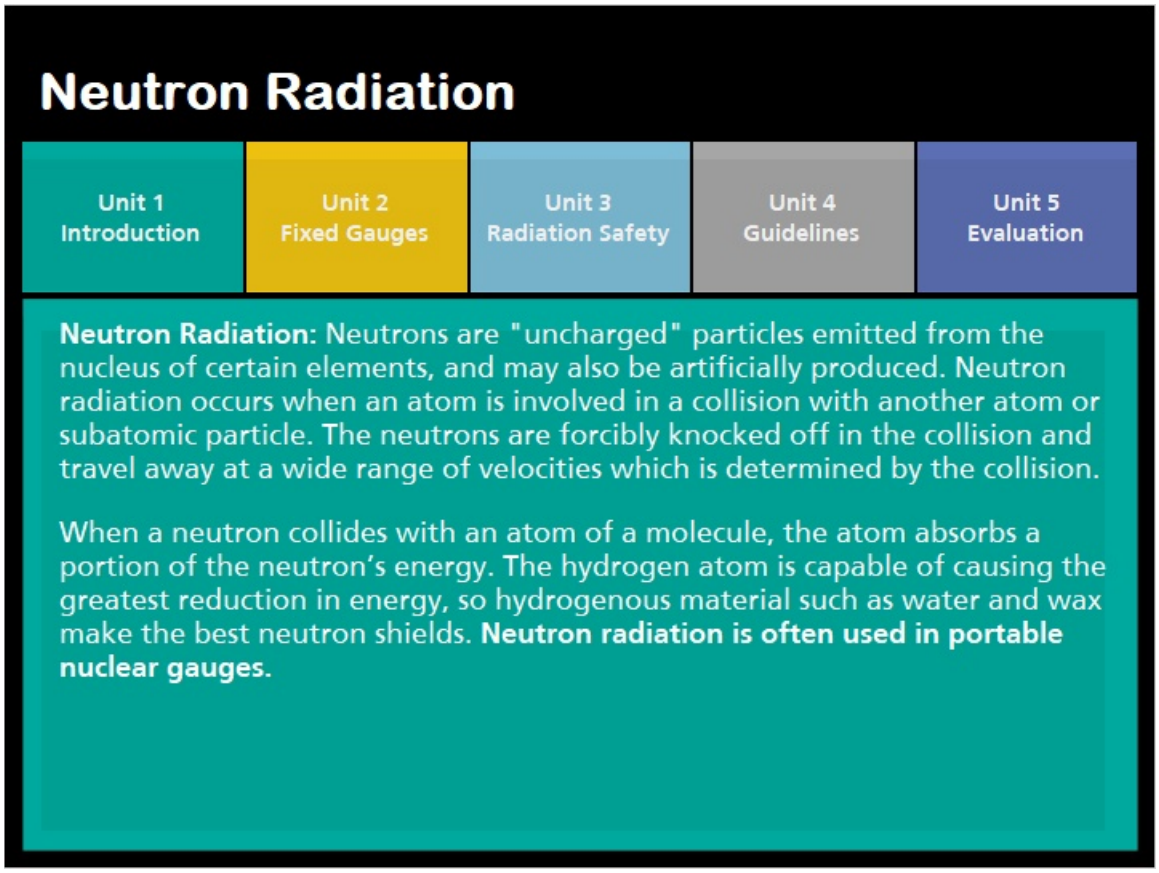
1.5 Alpha and Beta Particles



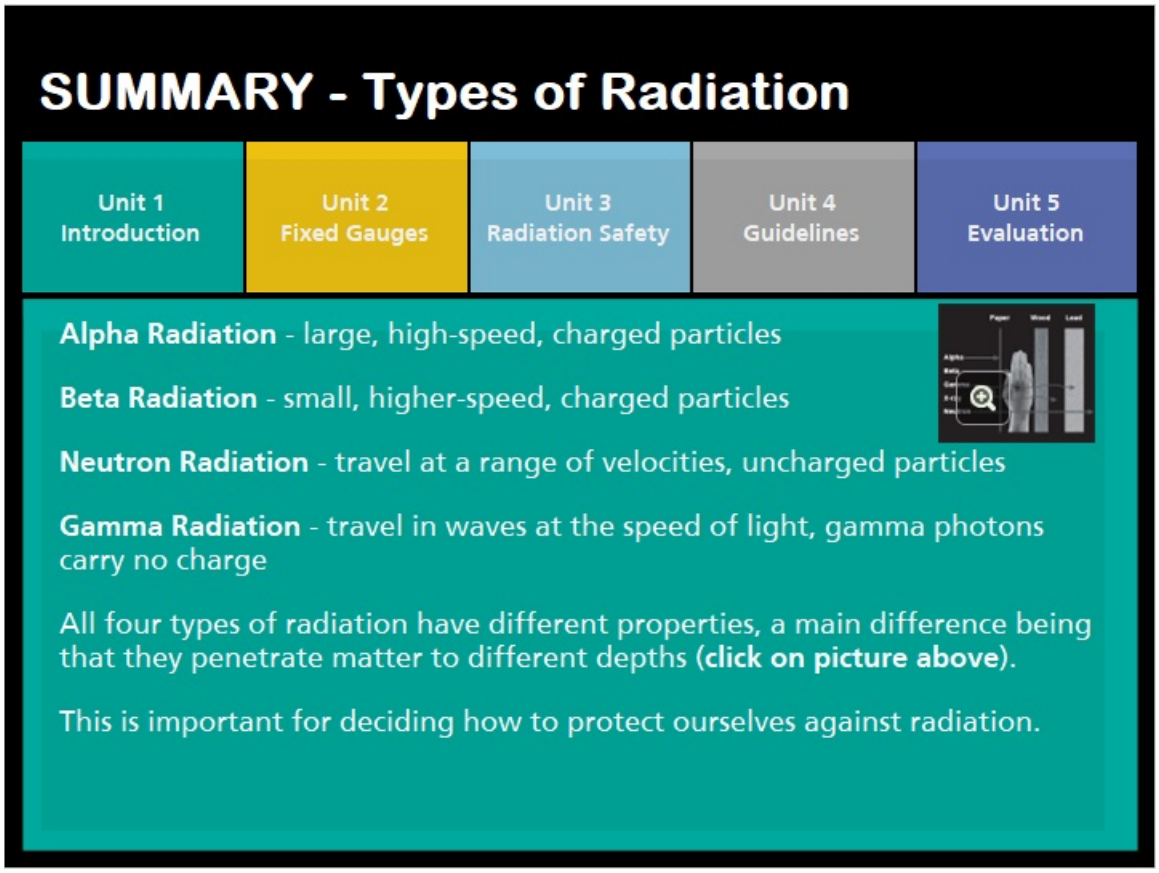
1.6 Gamma Radiation



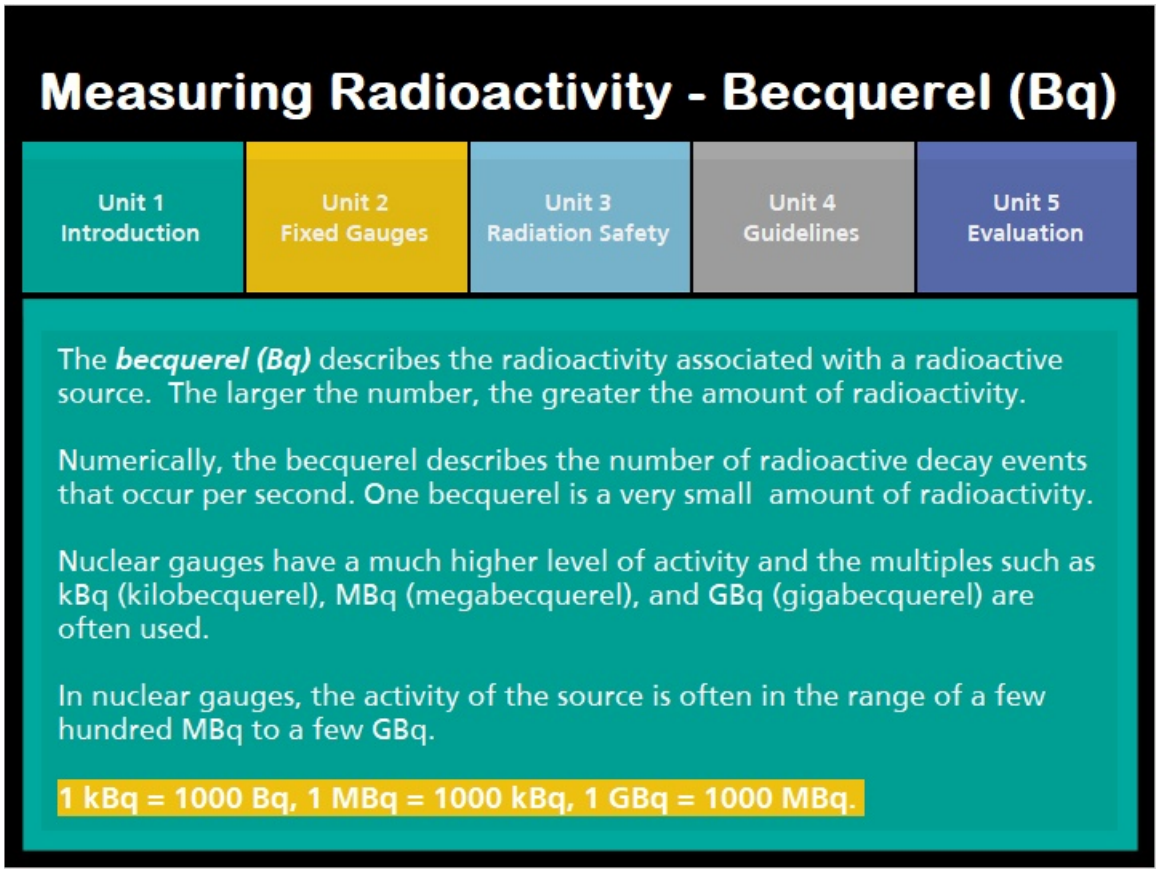
1.7 Neutron Radiation



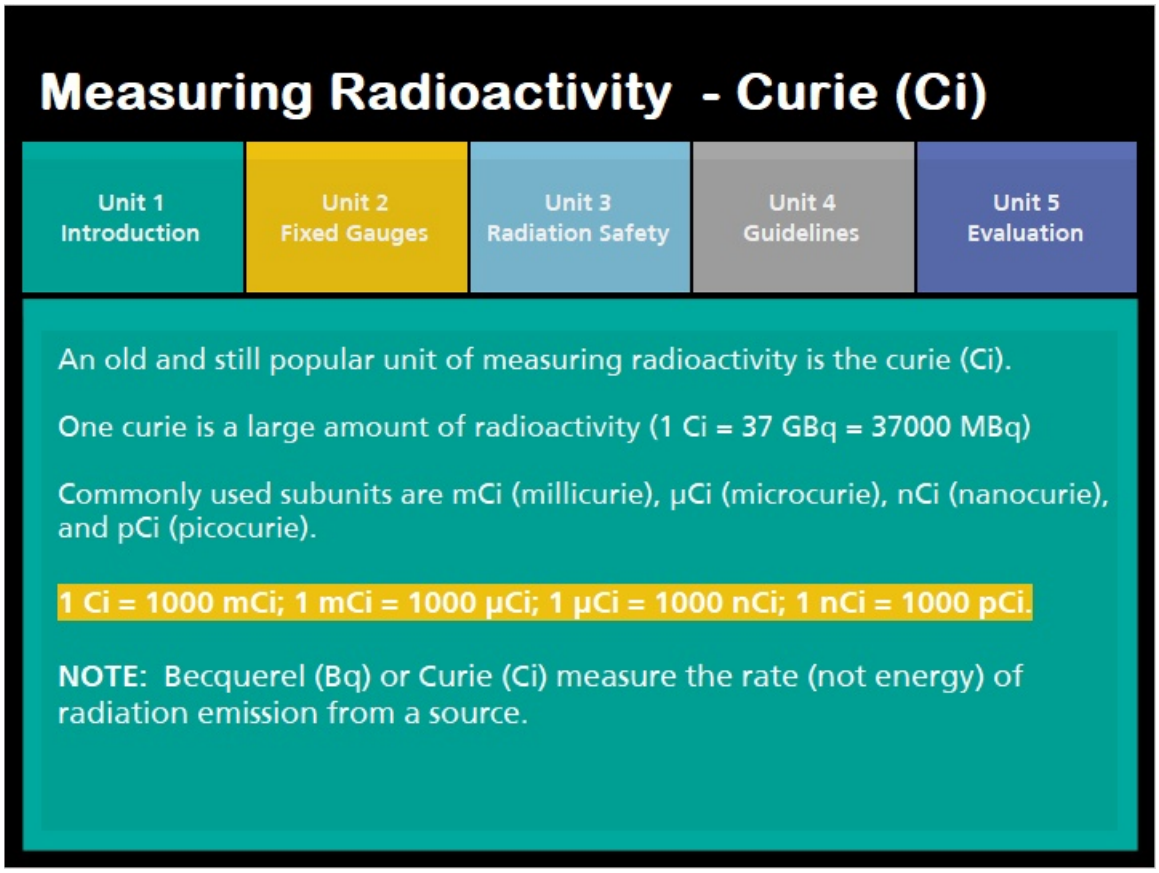
1.8 Summary - Types of Radiation



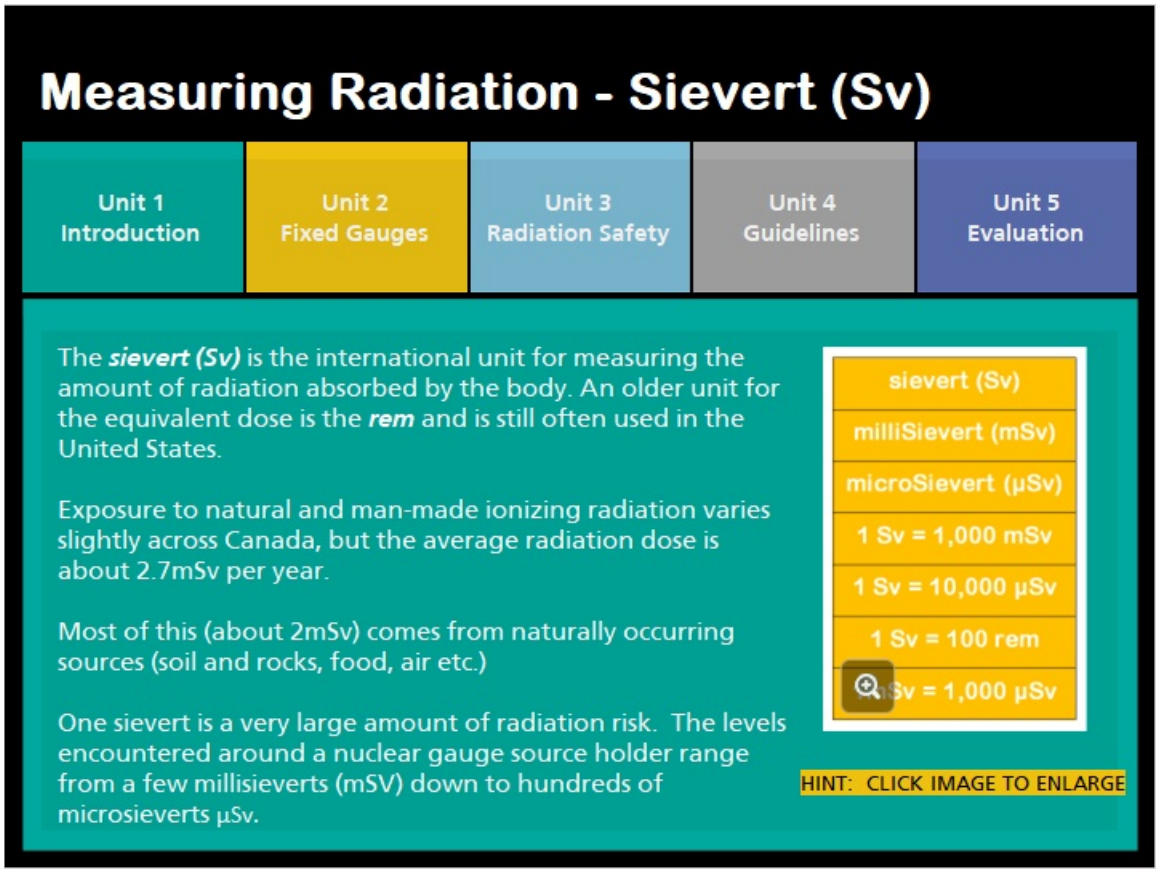
1.9 Measuring Radioactivity - Becquerel



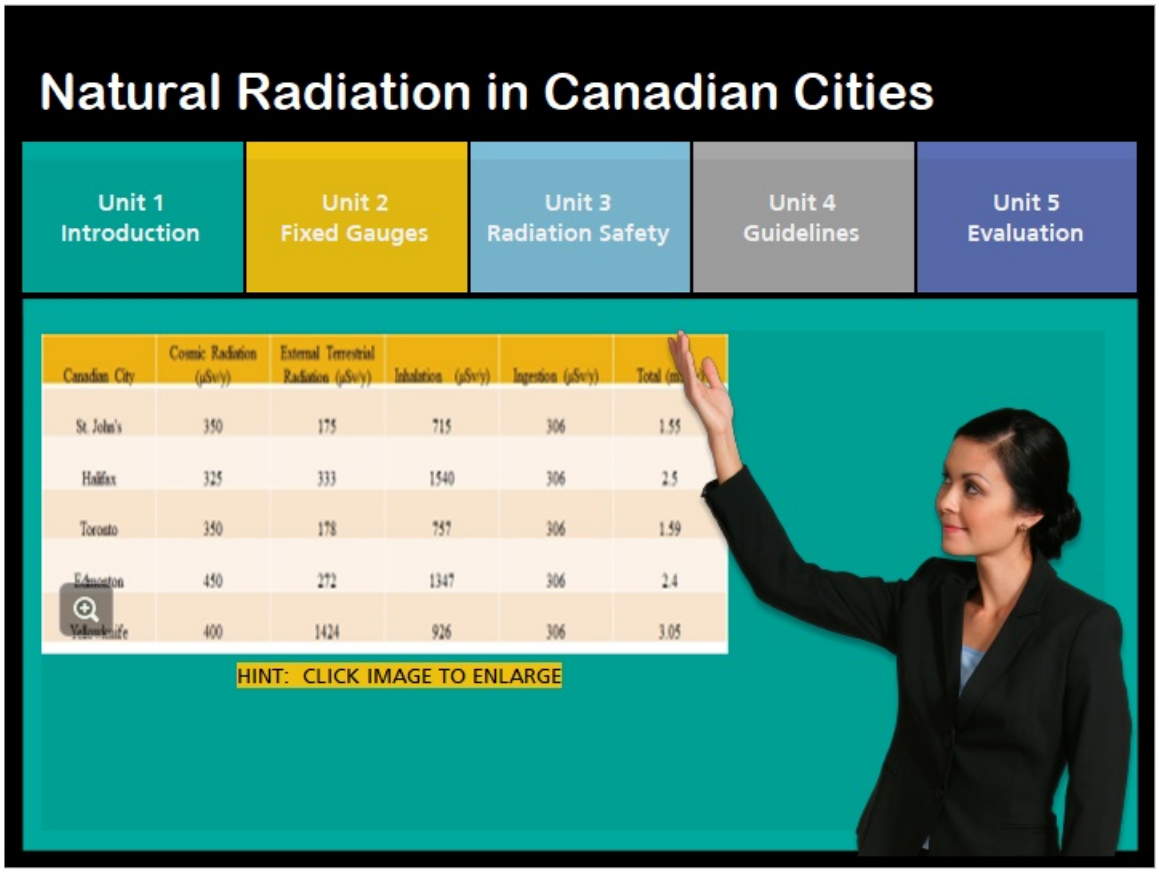
1.10 Measuring Radioactivity - Curie



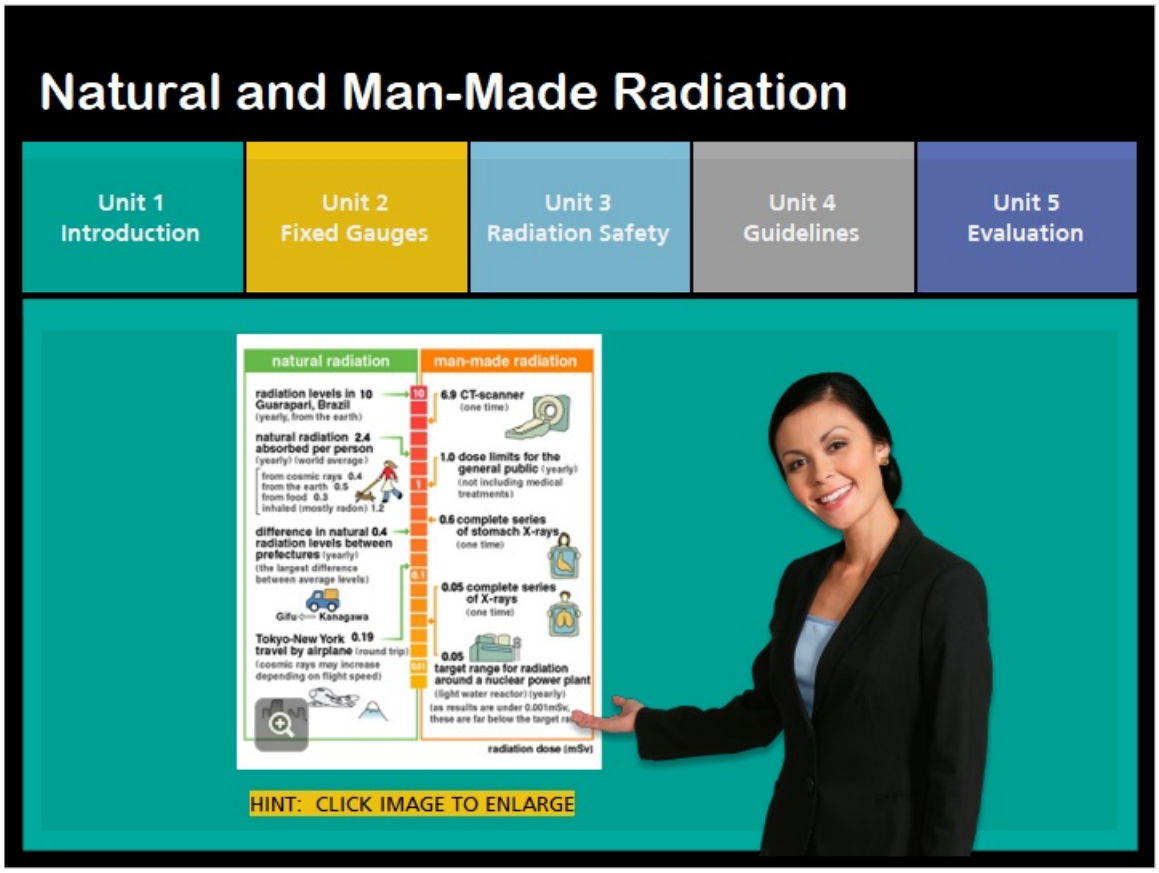
1.11 Measuring Radiation - Sievert



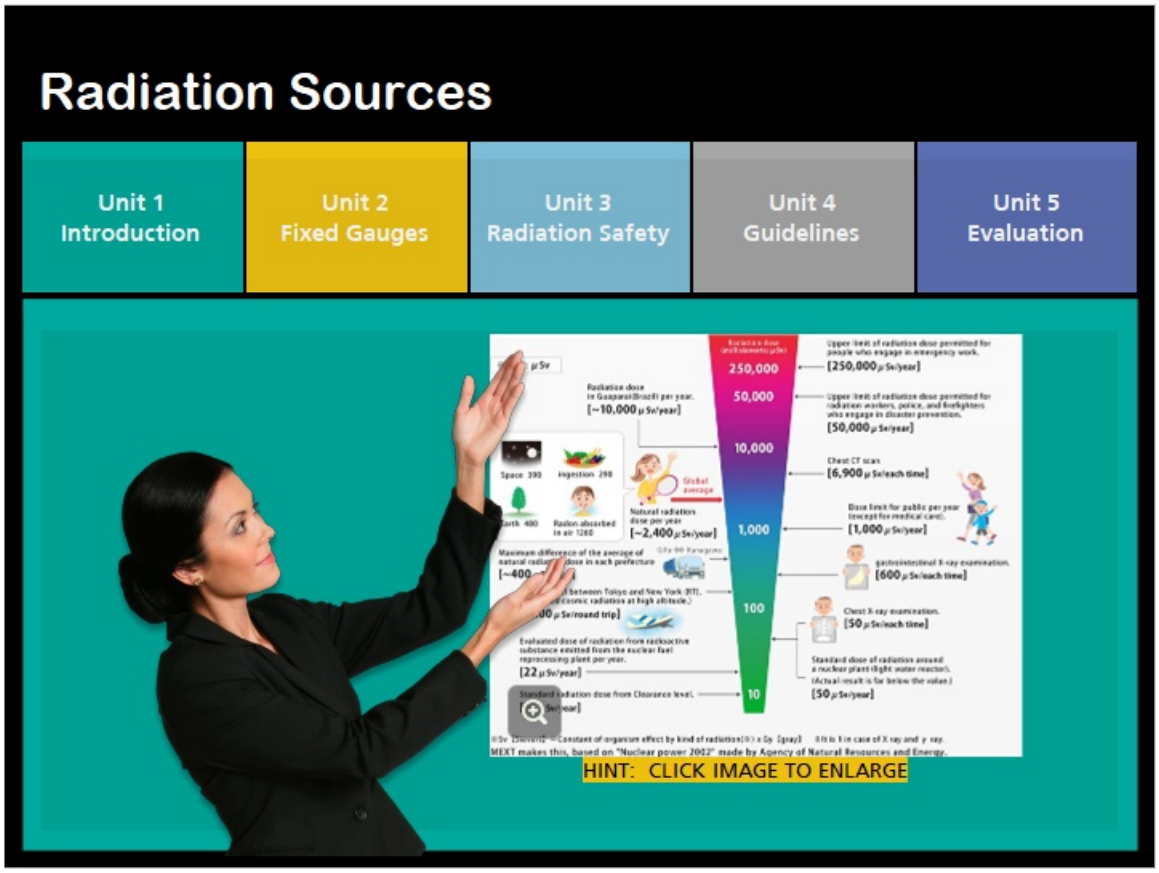
1.12 Natural Radiation in Canadian Cities



1.13 Natural and Man-Made Radiation

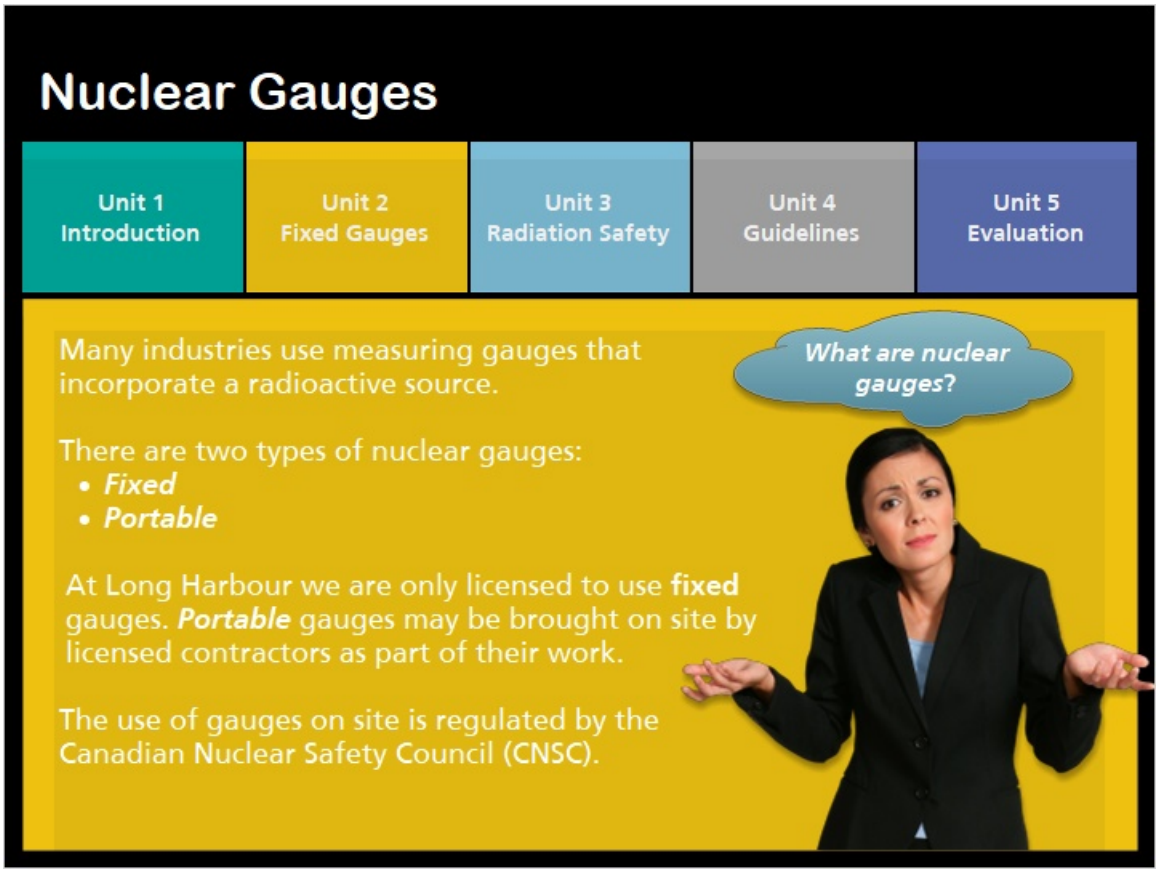


1.14 Radiation Sources

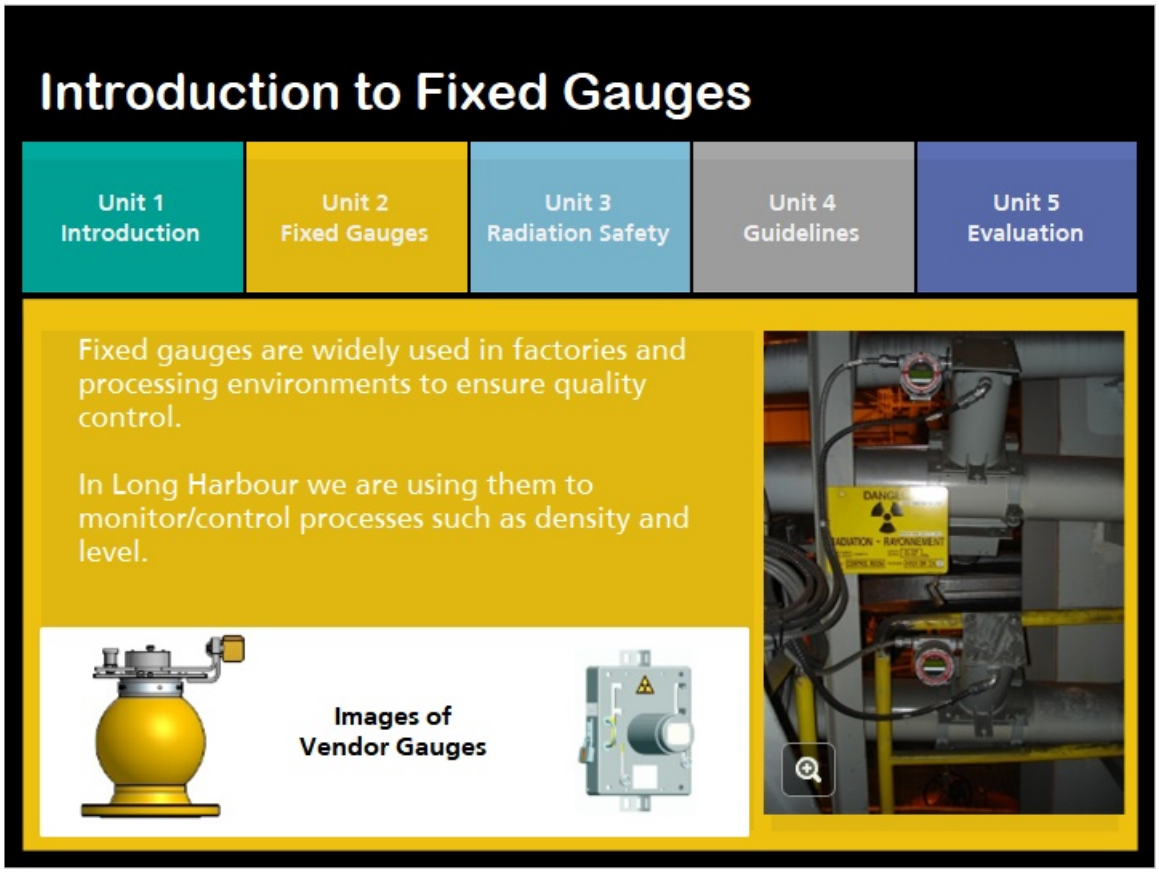


2. Fixed Gauges

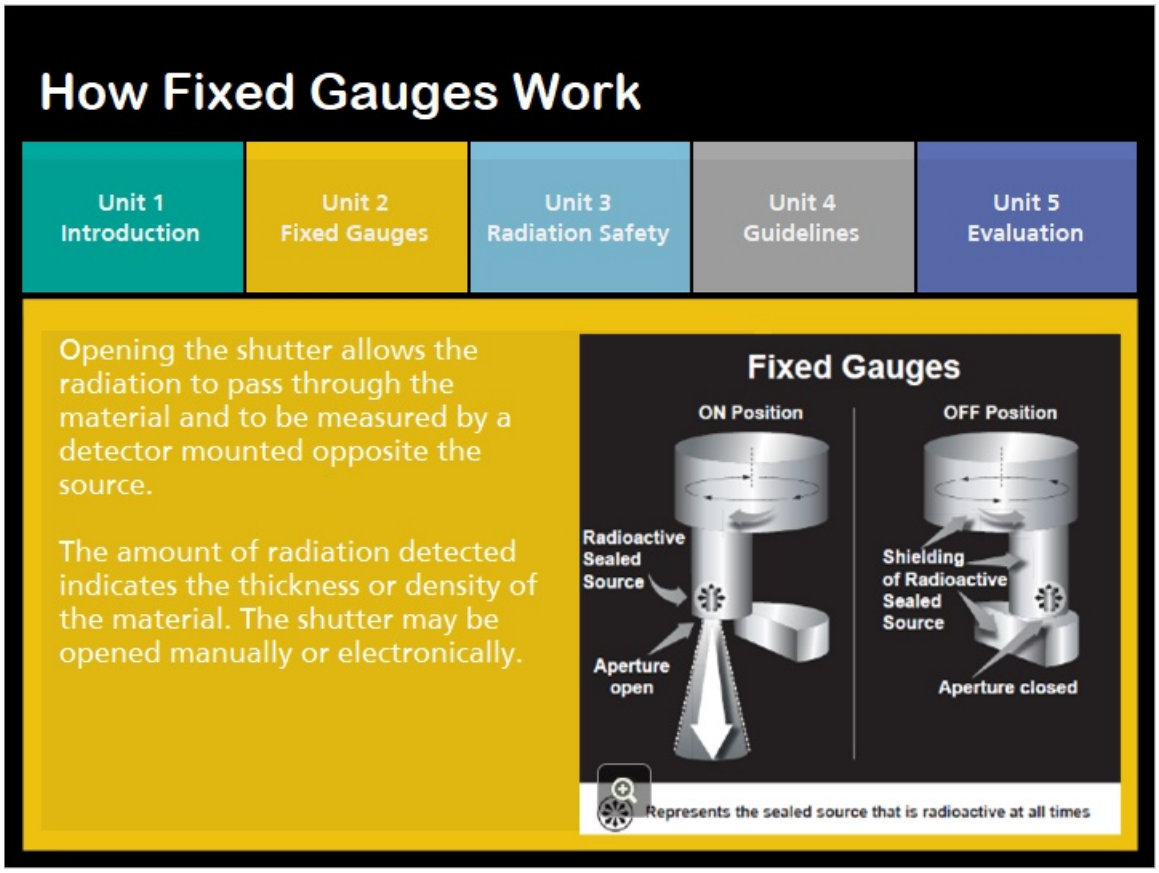
2.1 Nuclear Gauges



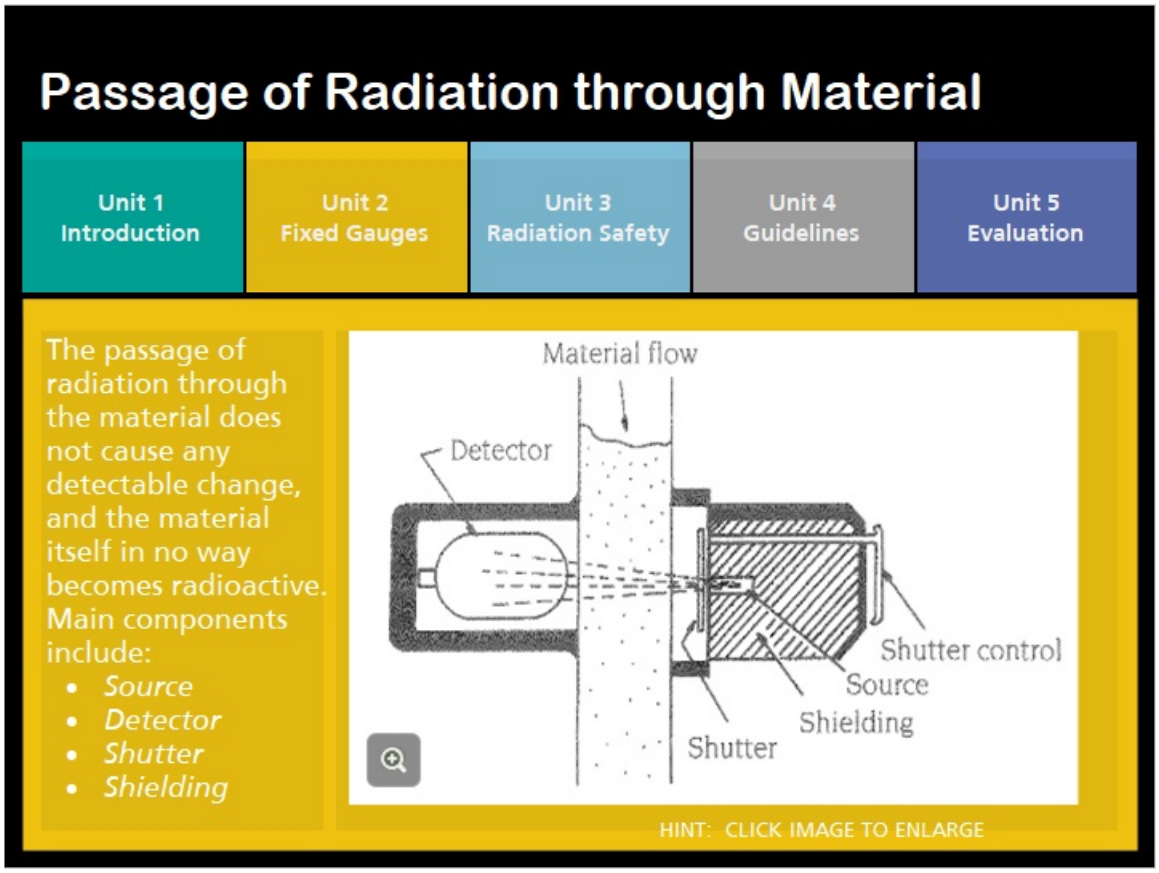
2.2 Introduction to Fixed Gauges



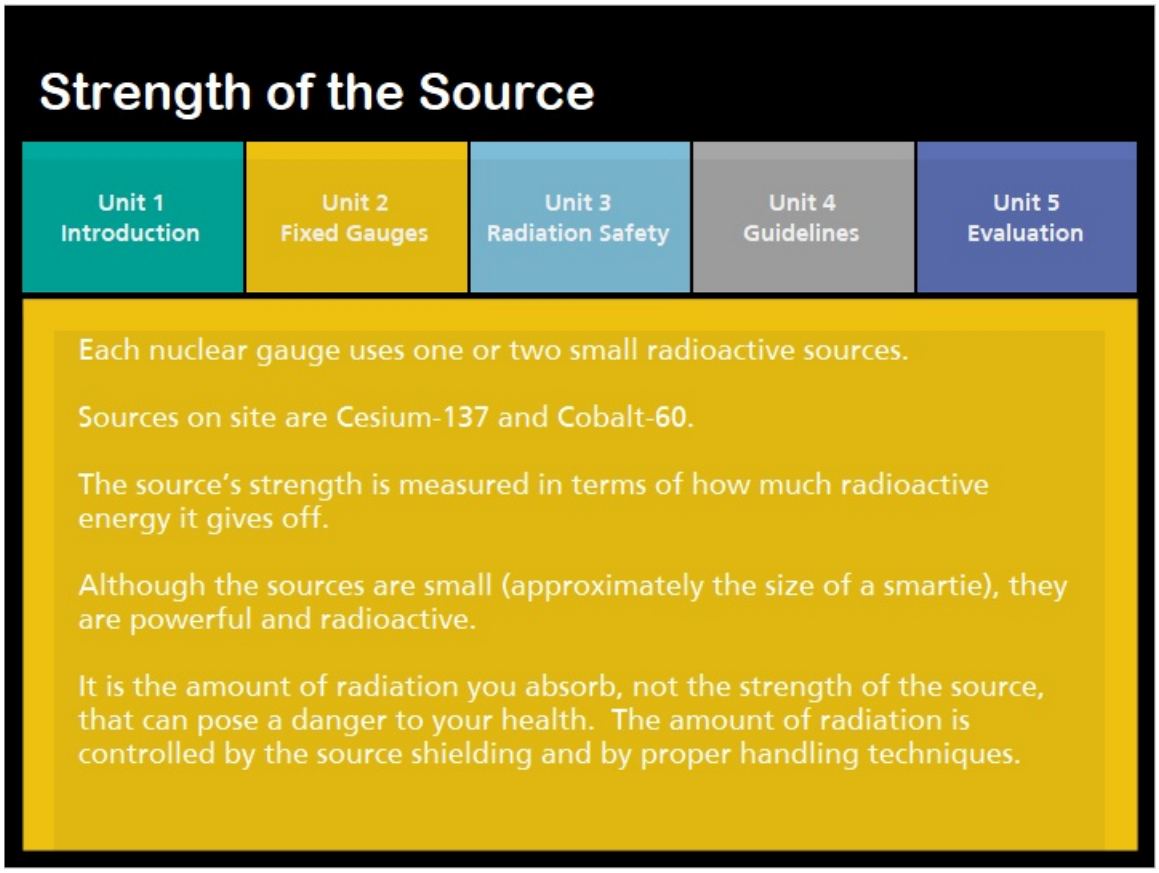
2.3 How Fixed Gauges Work



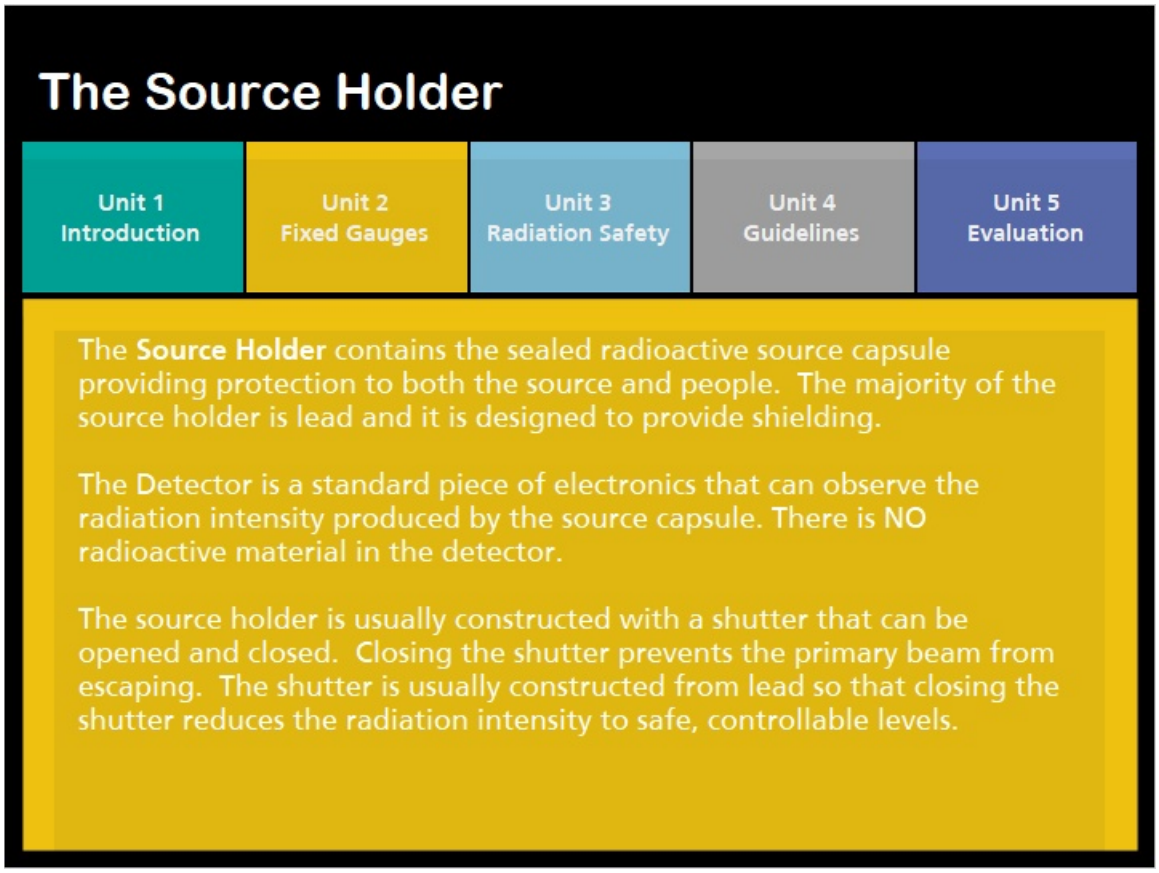
2.4 Passage of Radiation through Material



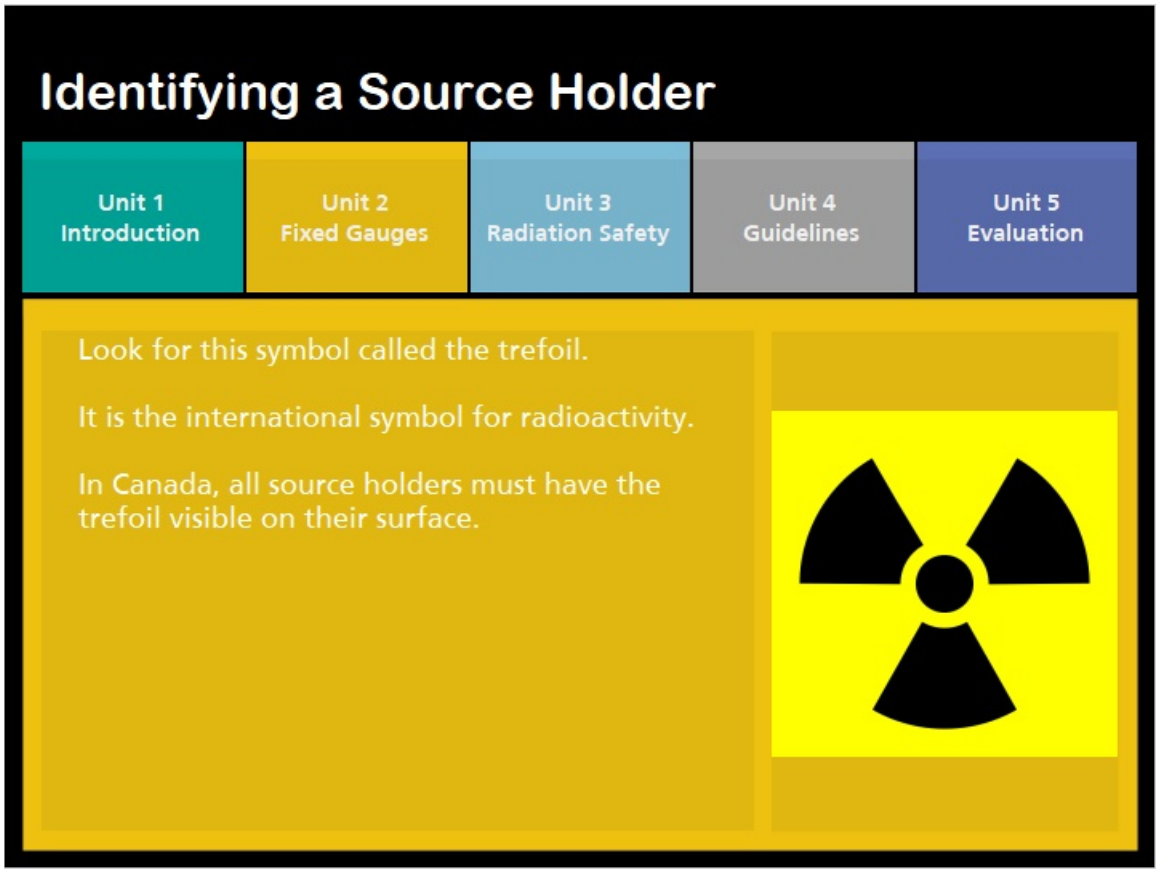
2.5 Strength of the Source



2.6 The Source Holder

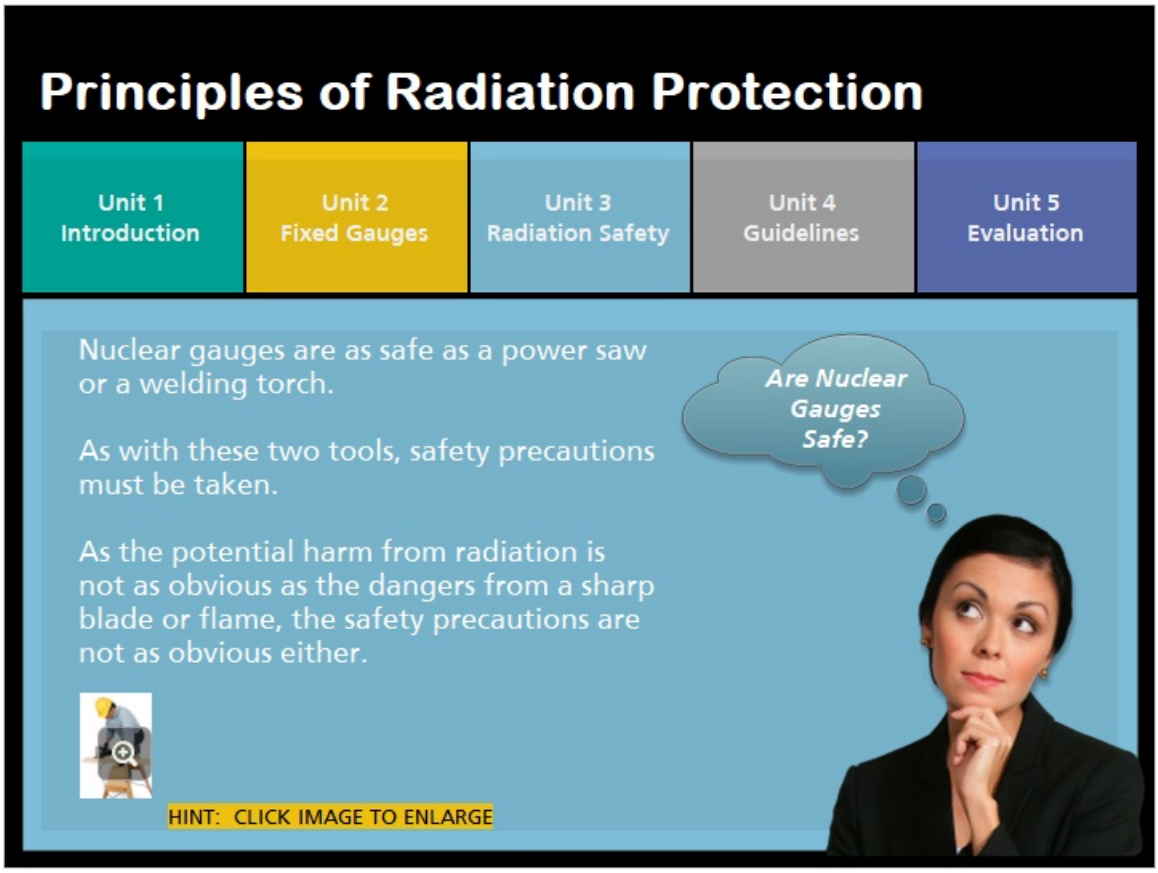


2.7 Identifying a Source Holder

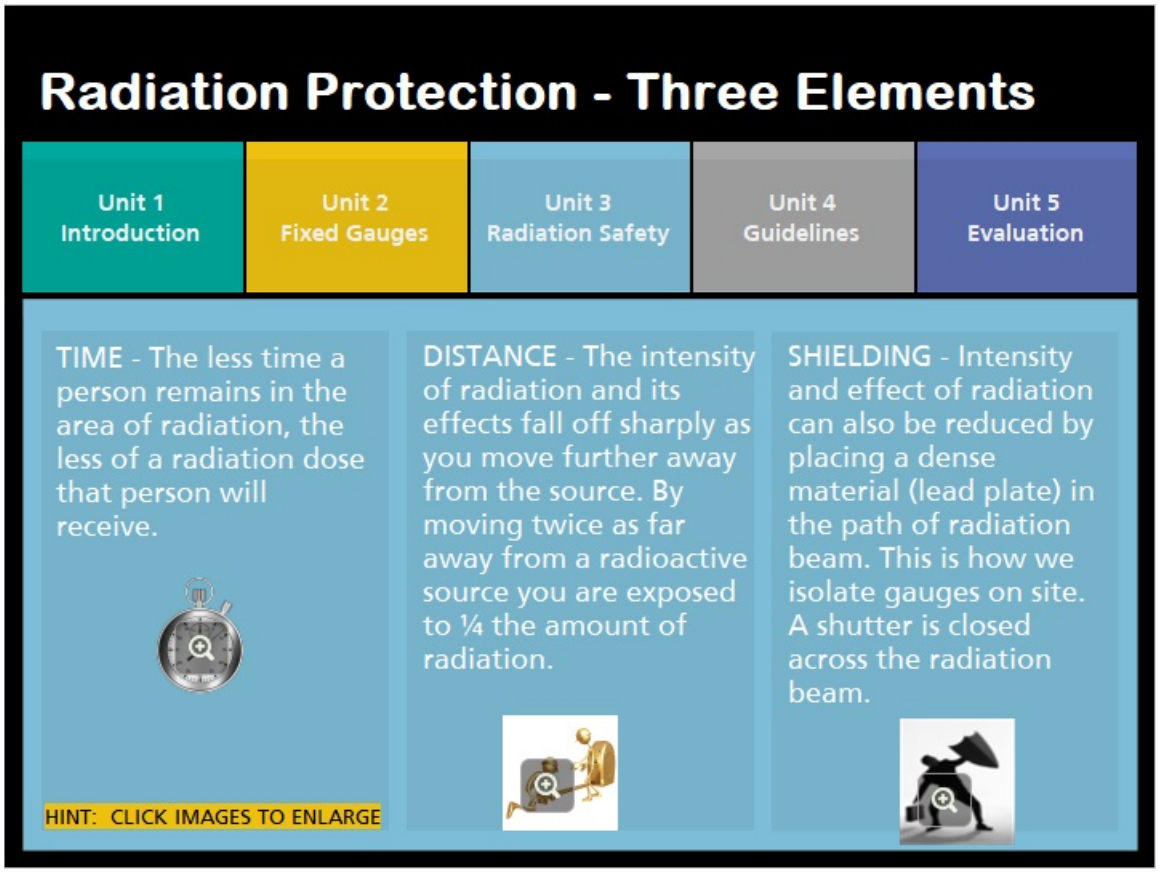


3. Radiation Safety

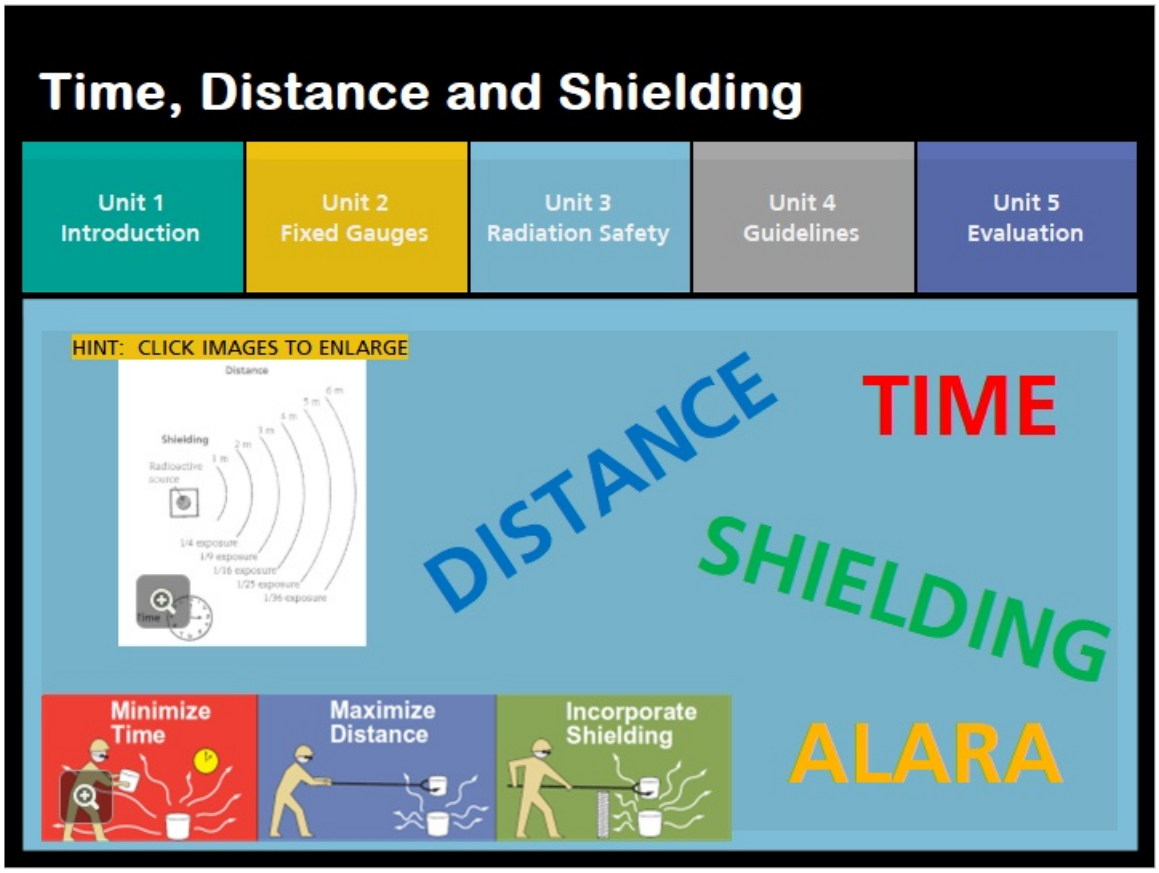
3.1 Principles of Radiation Protection



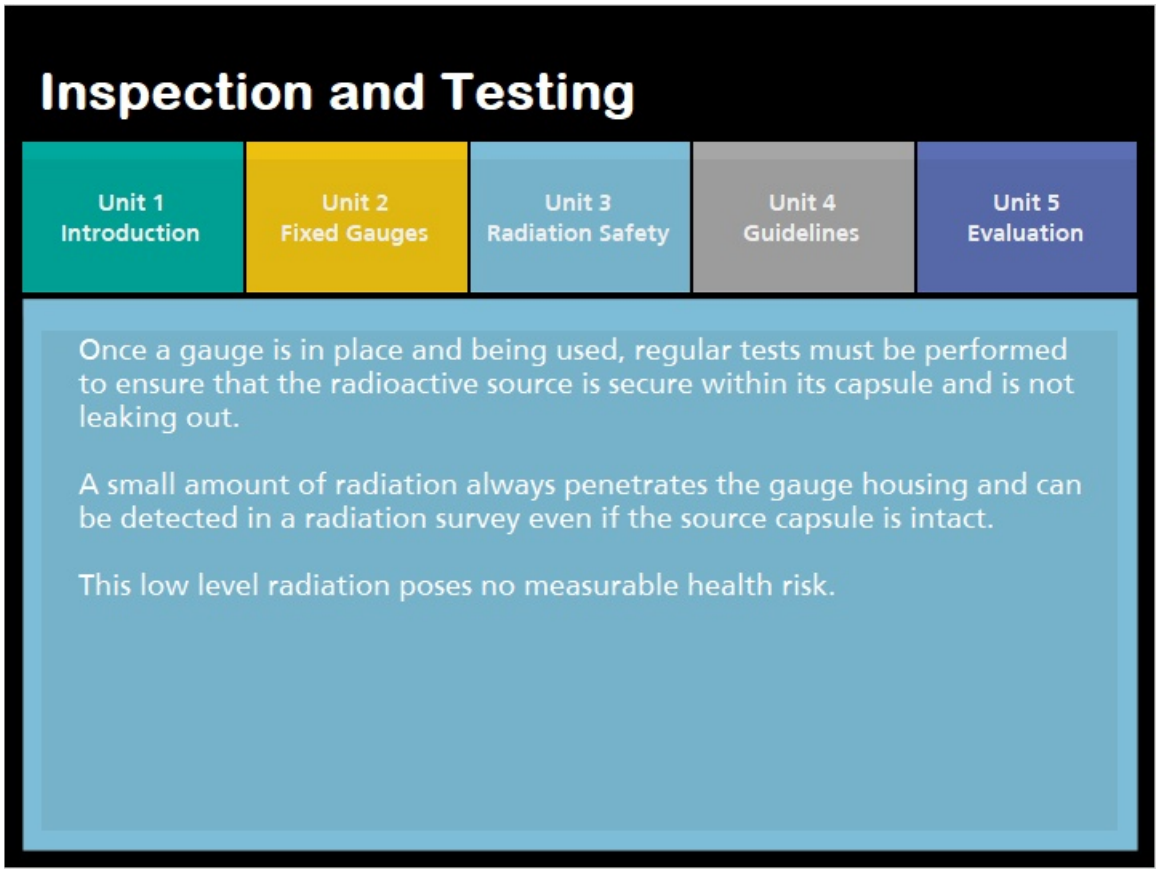
3.2 Radiation Protection - 3 Elements



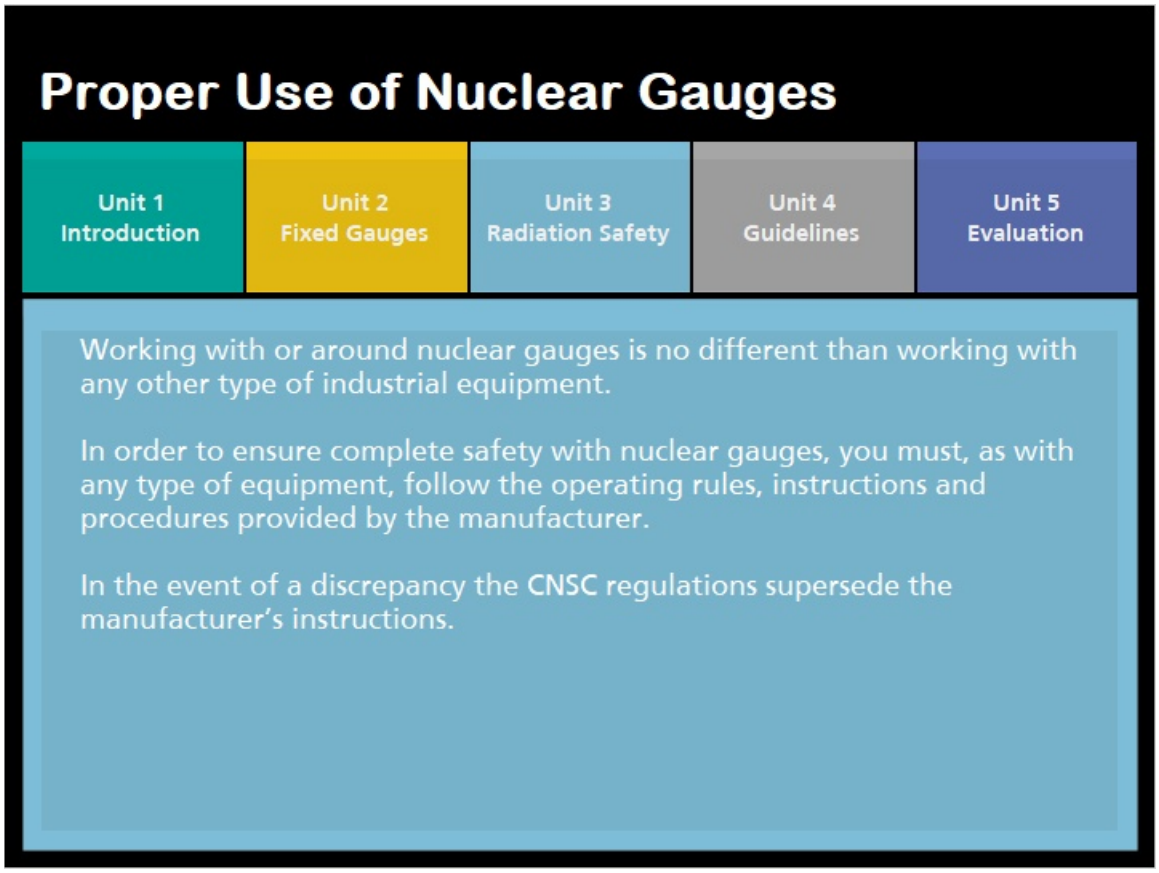
3.3 Time, Distance and Shielding



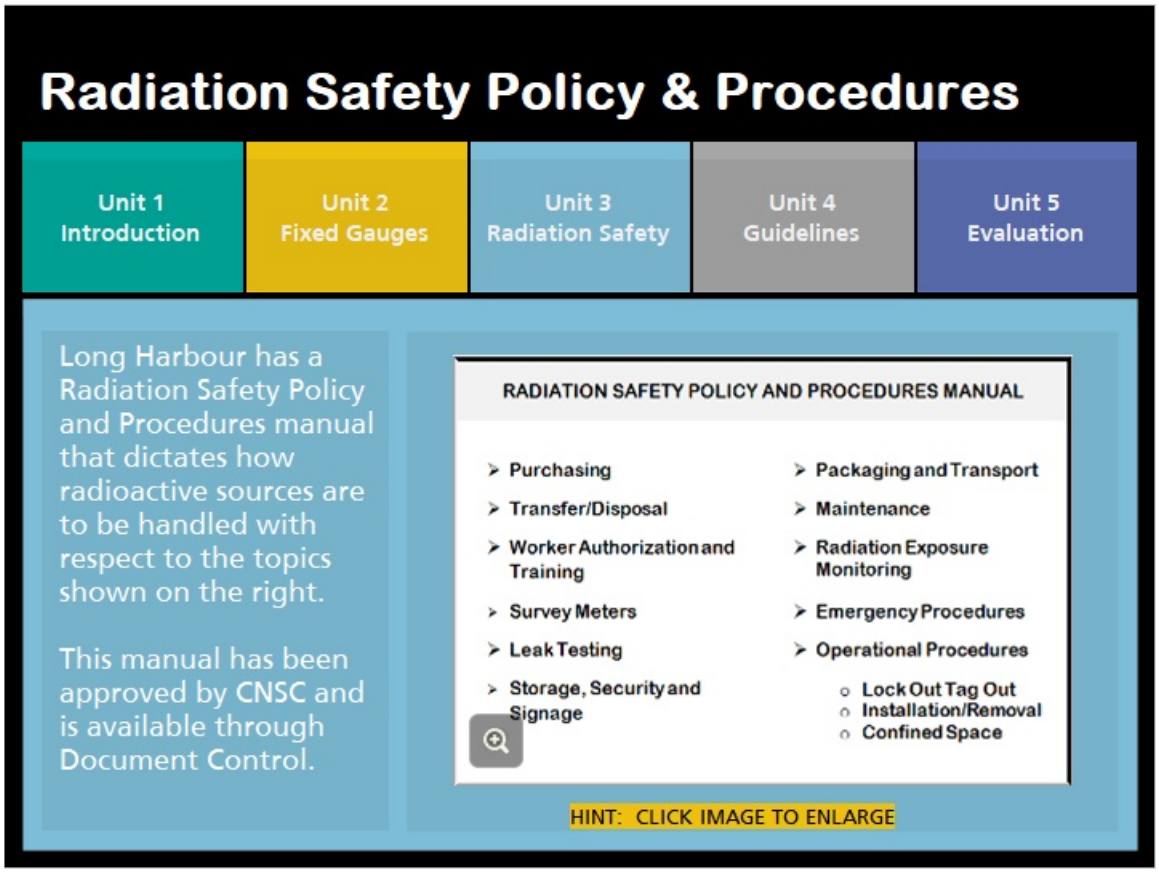
3.4 Inspection and Testing



3.5 Proper Use of Nuclear Gauges

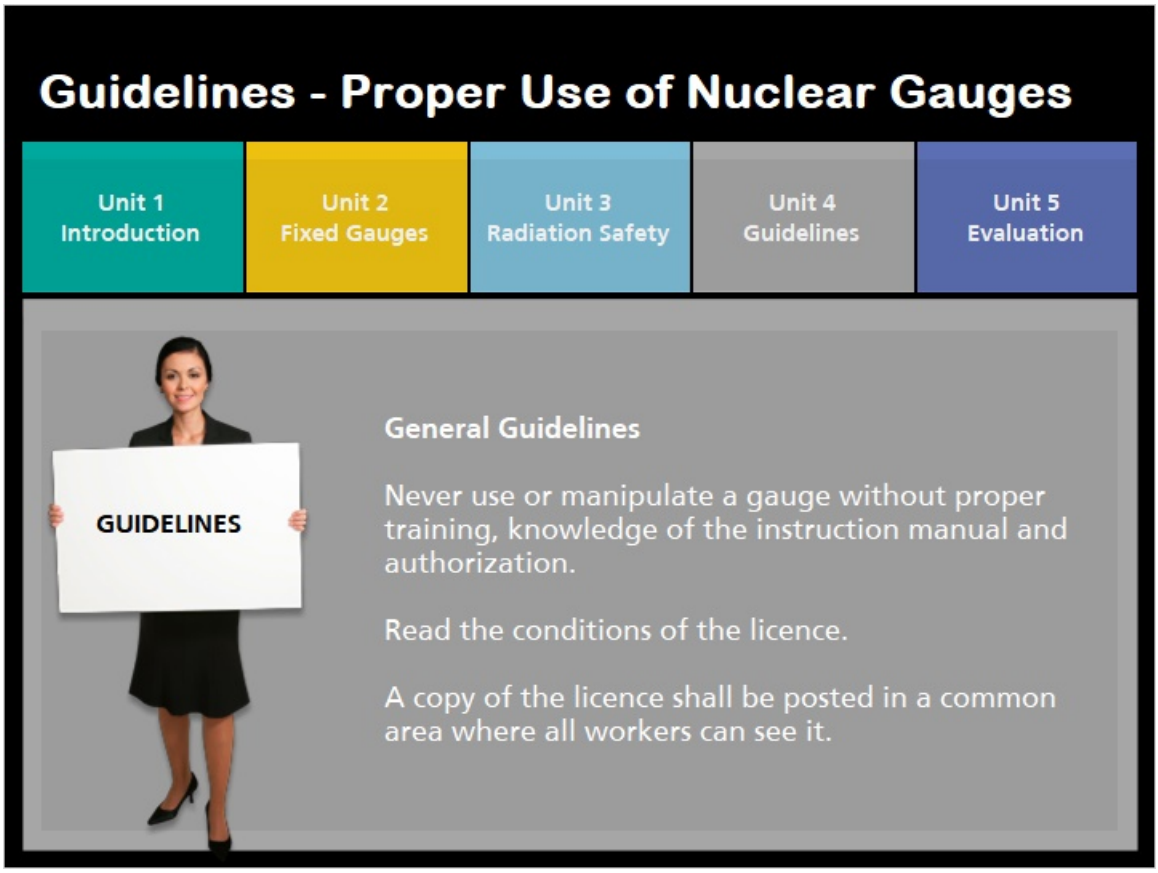


3.6 Radiation Safety Policy and Procedures

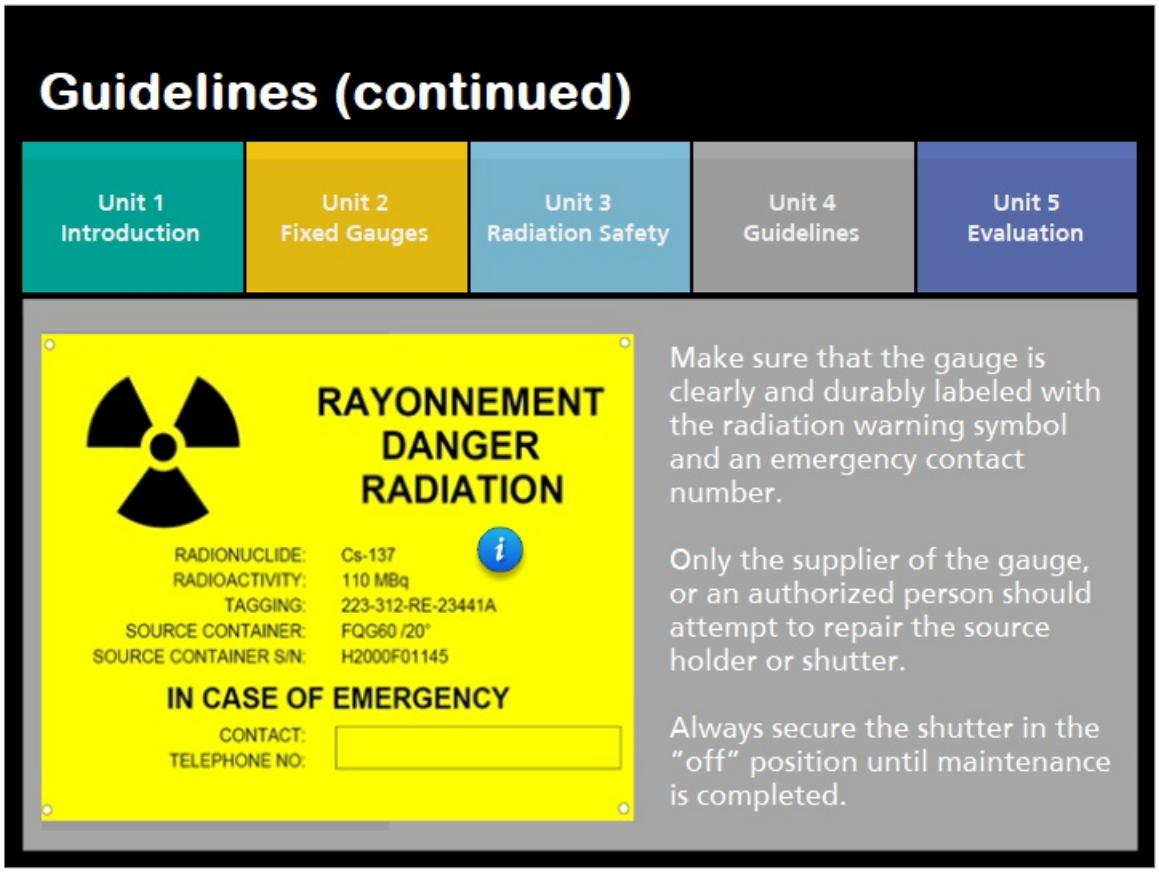


4. Guidelines

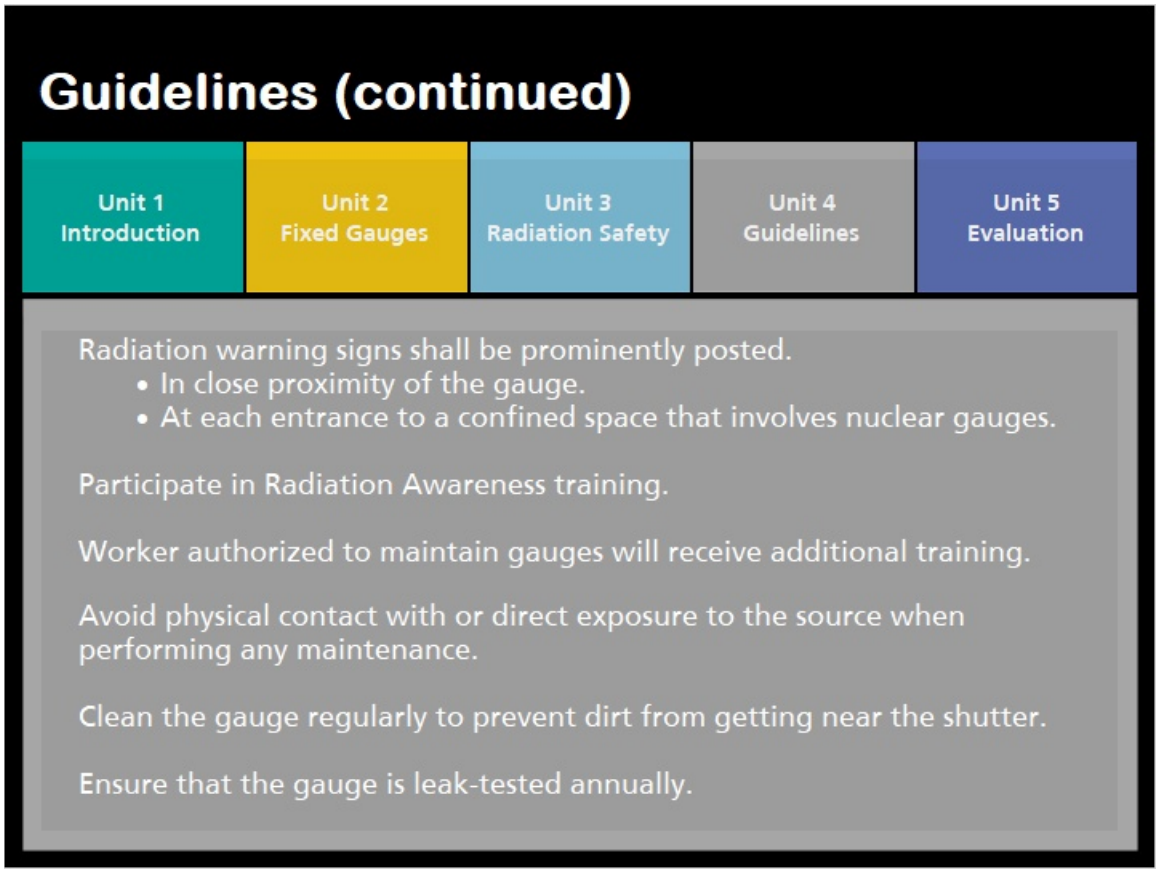
4.1 Guidelines - Proper Use of Nuclear Gauges



4.2 Guidelines (continued)



4.3 Guidelines (continued)



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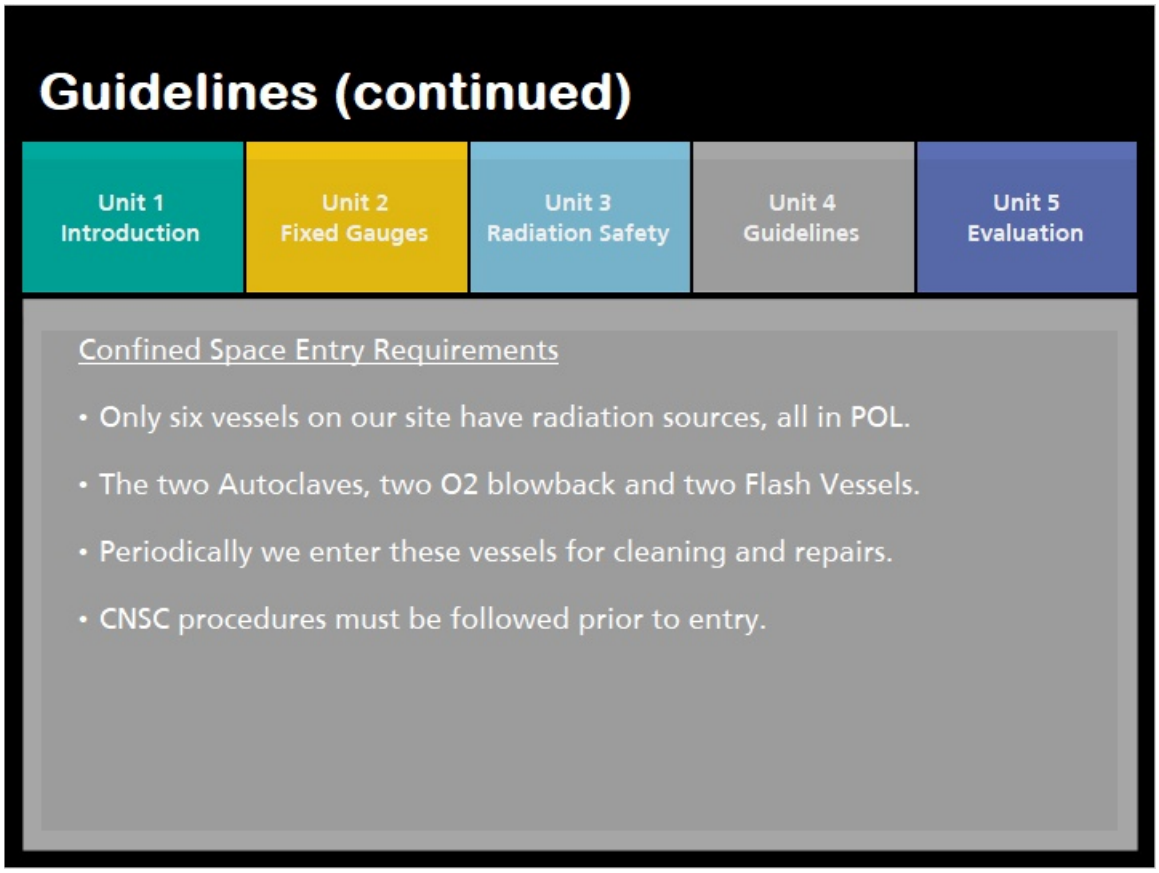

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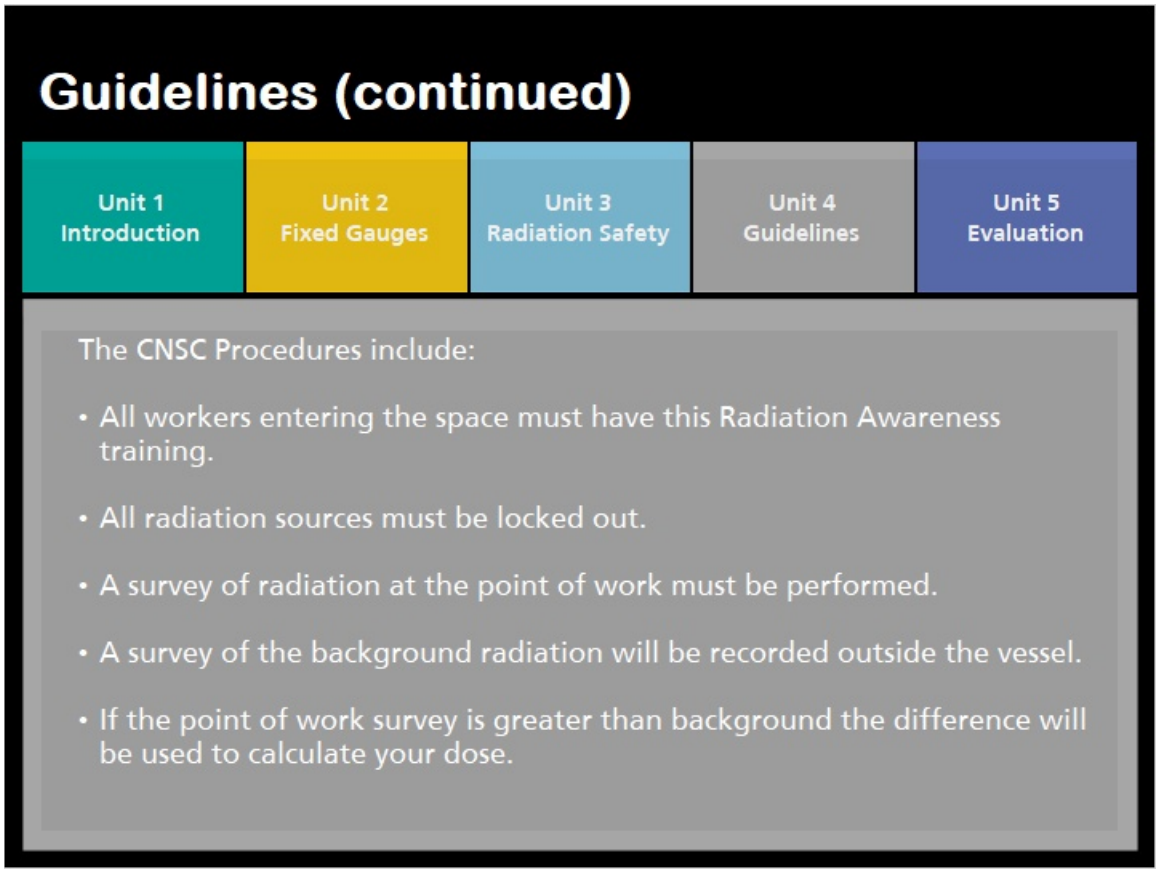

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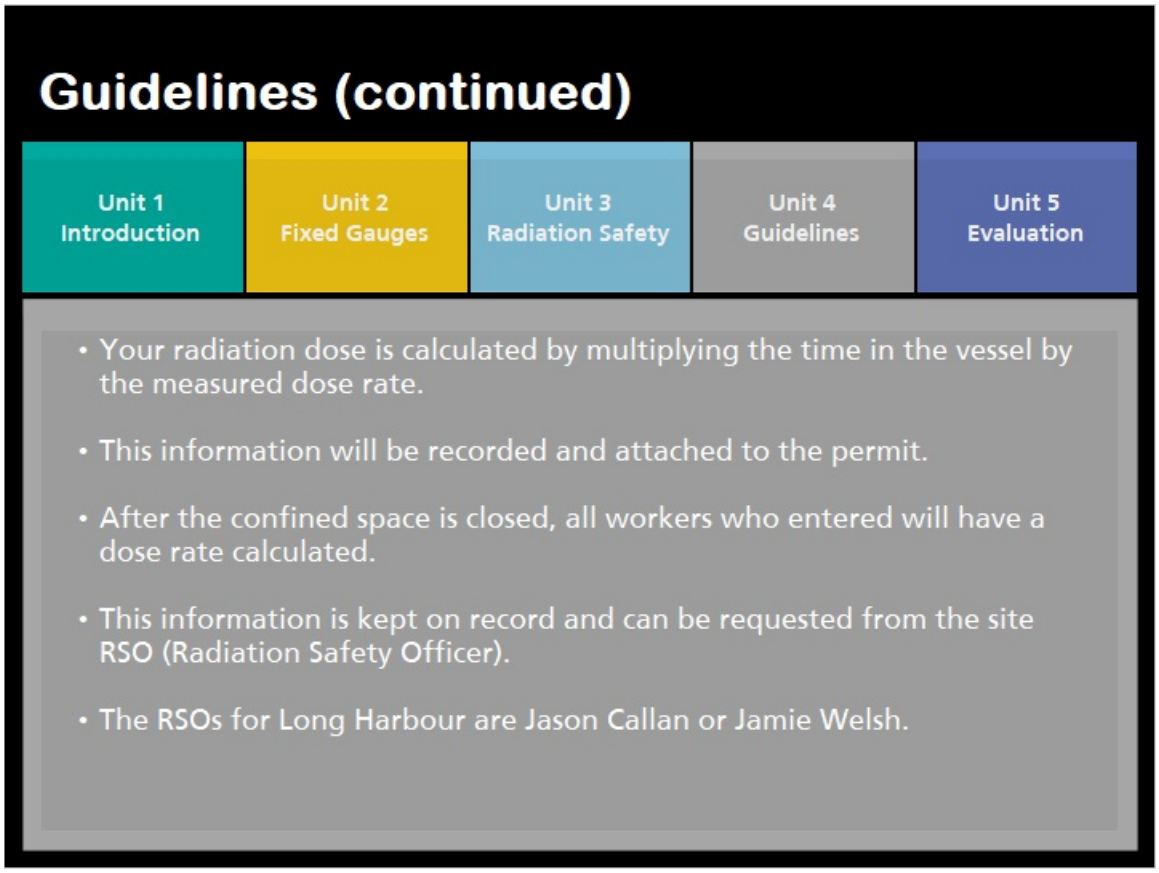
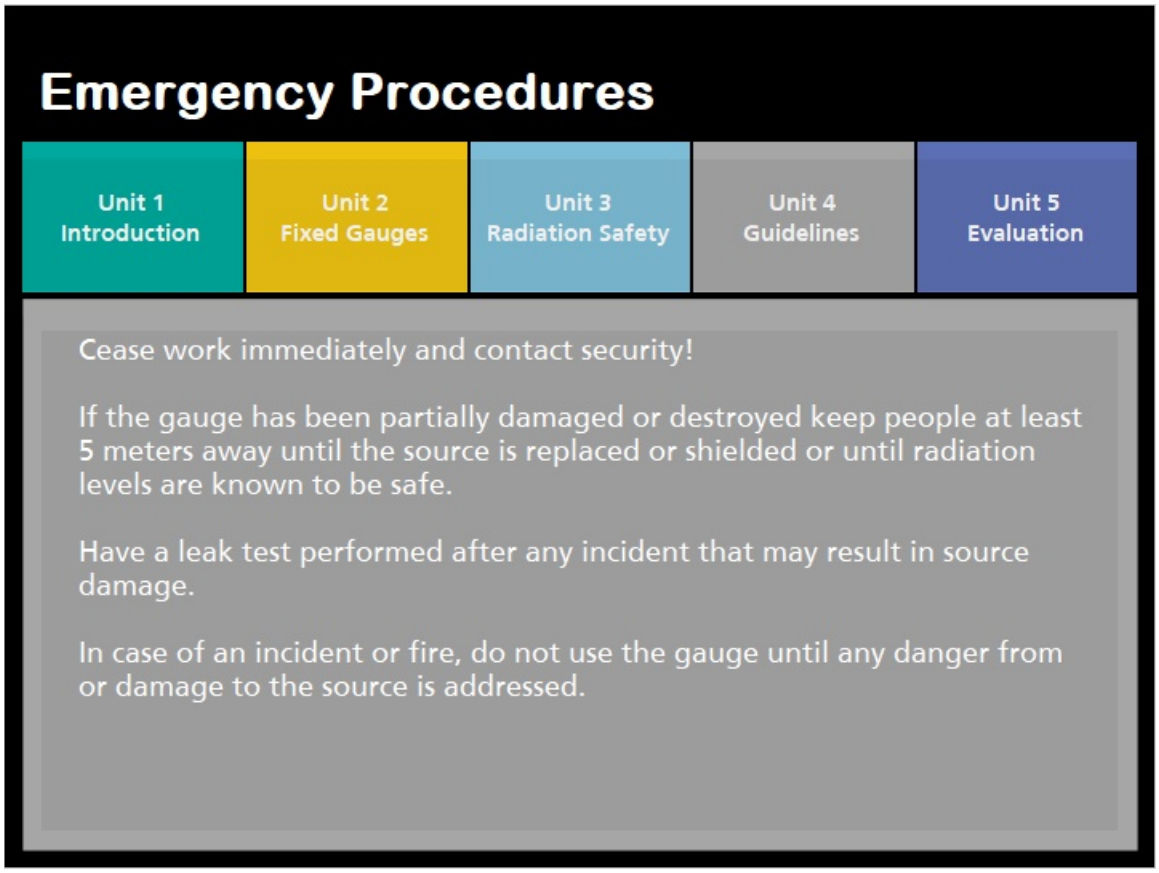
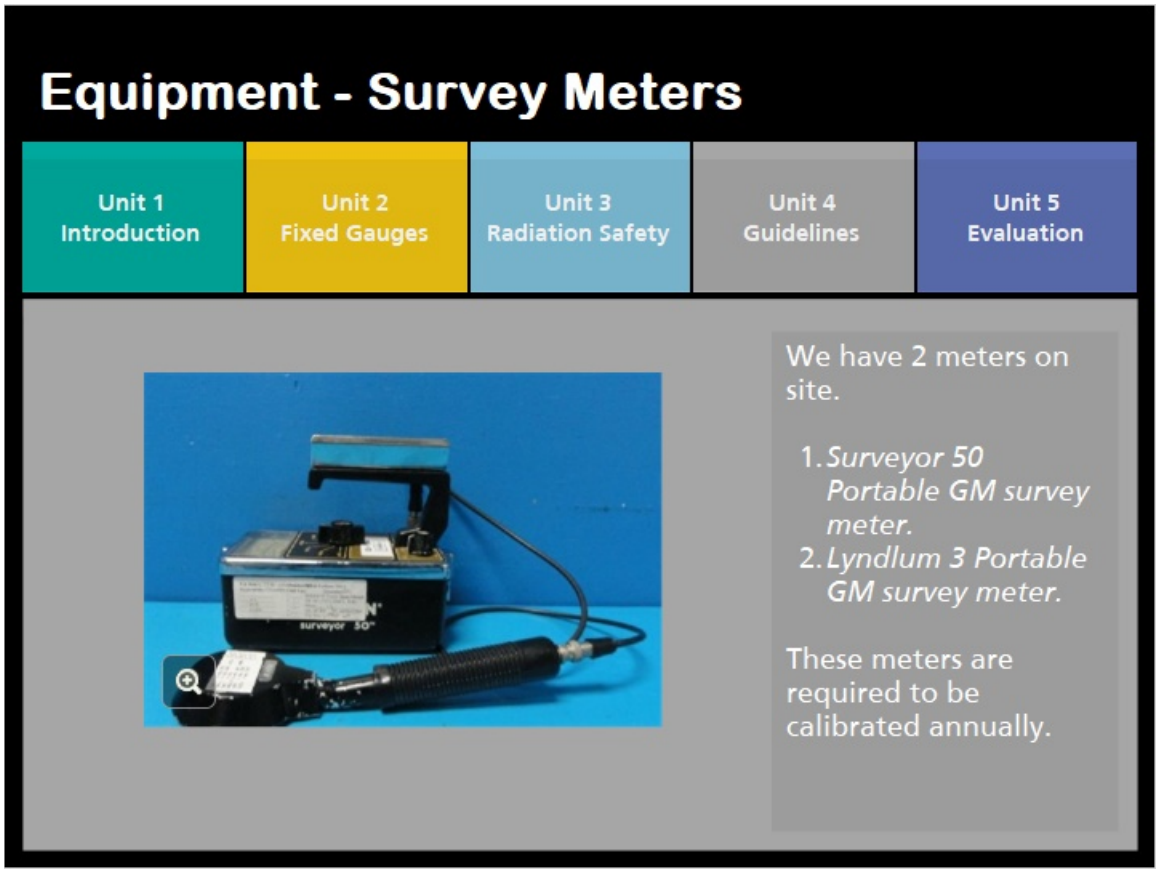


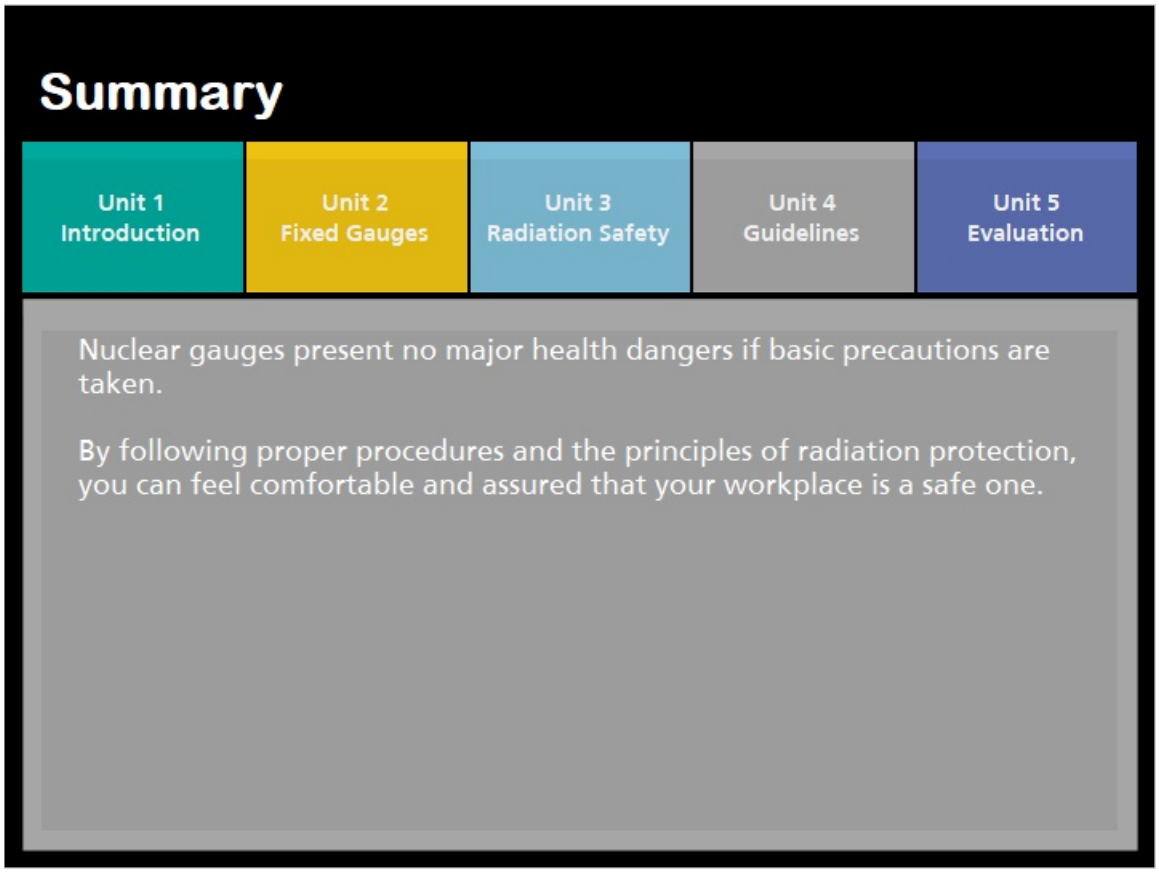
4.7 Emergency Procedures



4.8 Equipment - Survey Meter

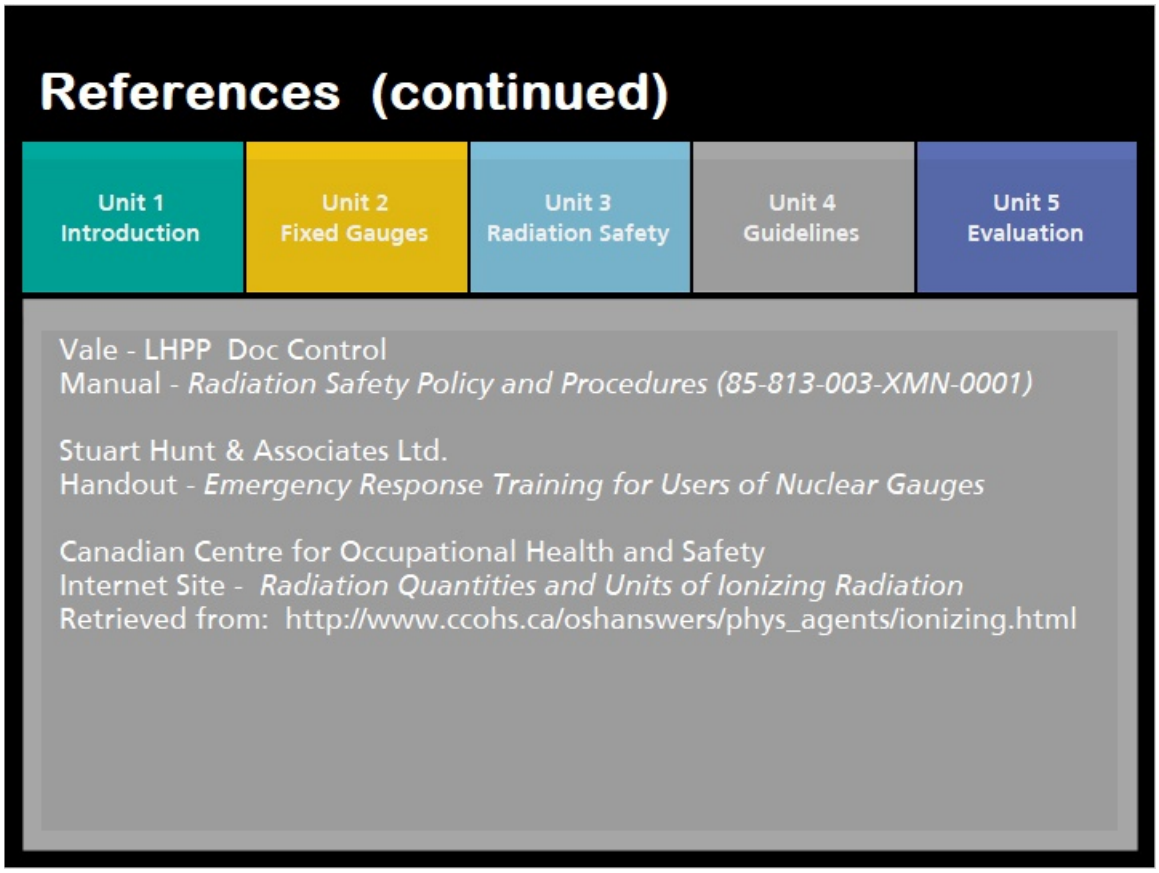


4.9 Summary


Summary
Unit 1
Introduction
Unit 2
Fixed Gauges
Unit 3
Radiation Safety
Unit 4
Guidelines
Unit 5
Evaluation
Nuclear gauges present no major health dangers if basic precautions are taken.
By following proper procedures and the principles of radiation protection, you can feel comfortable and assured that your workplace is a safe one.

4.10 References

4.11 References (continued)



4.12 Start The Module Quiz