

## **Module: 5.2.2**

### **Packaging and Labeling Regulations**

#### **Overview and Scope**

This module sets standards for inspecting the packaging and labeling of commodities as prescribed in NIST Handbook 130, Uniform Packaging and Labeling Regulation. The module includes concepts relating to the packaging and labeling of commodities packaged for retail, industrial or institutional use, and for wholesale.

#### **Prerequisites**

None

#### **Learning Objectives**

##### **1 Legal Basis and Scope of Packaging and Labeling Regulations**

A weights and measures professional should understand the legal basis and the scope of the Handbook 130 Uniform Packaging and Labeling Regulation. To demonstrate that understanding the professional can:

- 1.1 Understand the relationship between the Fair Packaging and Labeling Act, other federal laws, federal regulations, and Handbook 130 Uniform Packaging and Labeling Regulation.
- 1.2 Identify the source of legal authority to promulgate packaging and labeling regulations found in the Handbook 130, Uniform Weights and Measures Law.
- 1.3 Understand the packaging and labeling requirements in the Handbook 130, Uniform Weights and Measures Law, Sections 15 through 20.
- 1.4 Understand the authority to inspect, test, and enforce package and labeling regulations in the Handbook 130, Uniform Weights and Measures Law, Sections 11, 12, and 13.
- 1.5 Describe the purpose of the Handbook 130, Uniform Packaging and Labeling Regulation.
- 1.6 Describe appropriate action when the Handbook 130 packaging and labeling regulations, federal laws, and federal regulations conflict with state laws or regulations

##### **2 Terminology and Definitions**

A weights and measures professional should understand the terminology and definitions applicable to the packaging and labeling of commodities. To demonstrate that understanding the professional can:

- 2.1 Understand the definitions in NIST Handbook 130, Section 2, Definitions.

2.2 Describe the differences between consumer and non-consumer packages.

### 3 Declarations of Identity

A weights and measures professional should understand the requirements for identity declarations for consumer and non-consumer packages. To demonstrate that understanding the professional can:

- 3.1 Describe the declarations of identity requirements for consumer packages.
- 3.2 Describe the declarations of identity requirements for non-consumer packages.
- 3.3 Apply the declarations of identity requirements for consumer and non-consumer packages.

### 4 Declarations of Responsibility

A weights and measures professional should understand the requirements for declarations of responsibility for consumer and non-consumer packages. To demonstrate that understanding the professional can:

- 4.1 Describe the declarations of responsibility requirements for consumer packages.
- 4.2 Describe the declarations of responsibility requirements for non-consumer packages.
- 4.3 Apply the declarations of responsibility requirements for consumer and non-consumer packages.

### 5 Declaration of Quantity

A weights and measures professional should understand and be able to describe the requirements for declarations of quantity for consumer and non-consumer packages. To demonstrate that understanding the professional can:

- 5.1 Describe the declarations of quantity requirements for consumer packages in Handbook 130, Section 6, Declaration of Quantity: Consumer Packages.
- 5.2 Describe the requirements for the prominence and placement of quantity information on consumer packages.
  - 5.2.1 Understand how to calculate the area of the principal display panel.
  - 5.2.2 Understand the height and proportion specifications for quantity declarations.
- 5.3 Describe the declarations of quantity requirements for non-consumer packages in Handbook 130, Section 7, Declaration of Quantity: Non-Consumer Packages.
- 5.4 Apply the requirements to declarations of quantity for consumer and non-consumer packages.

## 6 Specific Requirements and Exemptions

A weights and measures professional should be able to describe specific requirements and exemptions for consumer and non-consumer packages. To demonstrate that understanding the professional can:

- 6.1 Describe the labeling requirements for specific packages, containers, and commodities in Handbook 130, Uniform Packaging and Labeling Regulation, Section 10, Requirements: Specific Consumer Commodities, Non-Consumer Commodities, Packages, Containers.
- 6.2 Describe the exemptions for packages, containers, and commodities in Handbook 130, Uniform Packaging and Labeling Regulation, Section 11, Exemptions.
- 6.3 Apply the specific requirements to declarations of quantity for consumer and non-consumer packages.
- 6.4 Apply the exemption requirements to declarations of quantity for consumer and non-consumer packages.

## 7 Allowable Variations

A weights and measures professional should understand packaging variations and the allowances for variations. To demonstrate that understanding the professional

- 7.1 Understand variations from declared weight, measure, or count that occur in packages.
- 7.2 Describe the relationship between Handbook 130, Uniform Packaging and Labeling Regulation and Handbook 133, Checking the Net Contents of Packaged Goods.

## 8 SI Units, US Customary Units, and Conversions

A weights and measures professional should be knowledgeable of SI Units, US customary units In Handbook 130, Uniform Packaging and Labeling Regulation, Appendices A and B and, be able to convert the units for quantity declarations. To demonstrate that understanding the professional can:

- 8.1 Understand the SI and US customary unit system of measurement.
- 8.2 Explain the International System of Units (SI) and US customary system of weights and measures used in the declaration of quantity for packaged commodities.
- 8.3 Apply factors for converting between SI units, US customary units and customary/customary units.
- 8.4 Apply the rules for significant digits and rounding.

### **Contributors:**

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