

Understanding the Regulatory and Standards Process for Products Exported to the U.S.

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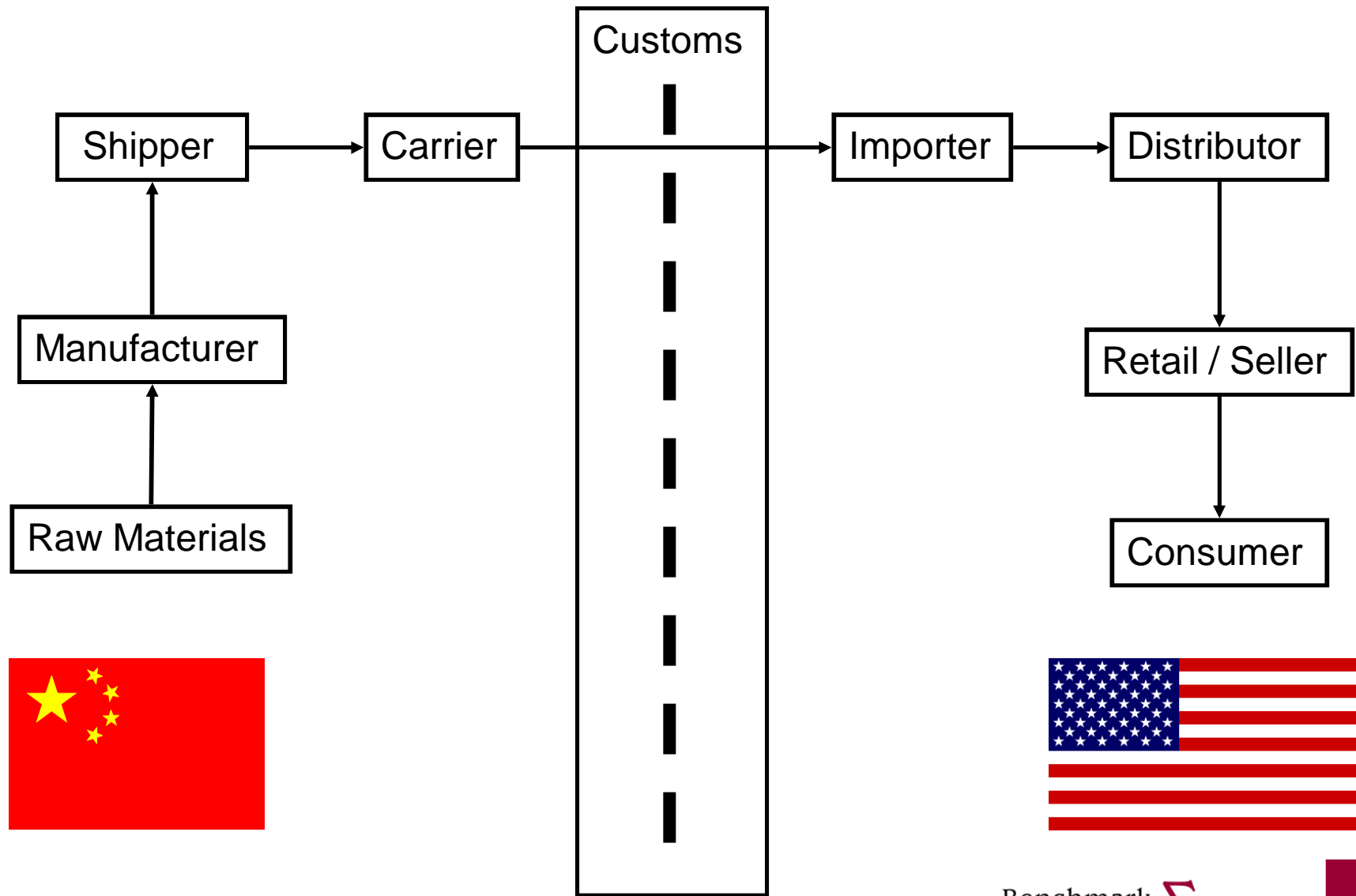
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Export / Import Process



Mandatory Regulations

Agency	Jurisdiction
Consumer Product Safety Commission (CPSC)	15,000 consumer products
Food and Drug Administration (FDA)	Foods, drugs, cosmetics, medical devices, veterinary medicines
National Highway Transportation Safety Administration (NHTSA)	Automobiles, trucks, motorcycles, car seats, tires
Environmental Protection Agency (EPA)	Pesticides, rodenticides, fungicides
Bureau of Alcohol, Tobacco, & Firearms (BATF)	Alcohol, tobacco, firearms, ammunition
U.S. Coast Guard (USCG)	Boats
Federal Aviation Administration (FAA)	Aircraft

Voluntary Standards & Certifications

- **American National Standards Institute (ANSI)**
 - National standards body that oversees ~ 10,500 standards
 - Comprises government agencies, organizations, companies, academics, and individuals
- **ASTM International**
 - Develops and publishes voluntary technical standards
 - Oversees ~ 12,000 standards
 - Comprises technical experts from over 120 countries
- **Underwriters Laboratory (UL)**
 - Non-for-profit, privately owned product safety testing & certification organization

ANSI Standards

- **ANSI Z535.1**
 - American National Standard for Safety Color Code
- **ANSI Z535.2**
 - American National Standard for Environmental and Facility Safety Signs
- **ANSI Z535.3**
 - American National Standard Criteria for Safety Symbols
- **ANSI Z535.4**
 - American National Standard for Product Safety Signs and Labels
- **ANSI Z535.5**
 - American National Standard for Safety Tags and Barricade Tapes (for Temporary Hazards)
- **ANSI Z535.6**
 - American National Standard for Product Safety Information In Product Manuals, Instructions, and Other Collateral Materials

ANSI Z535.4 Overview

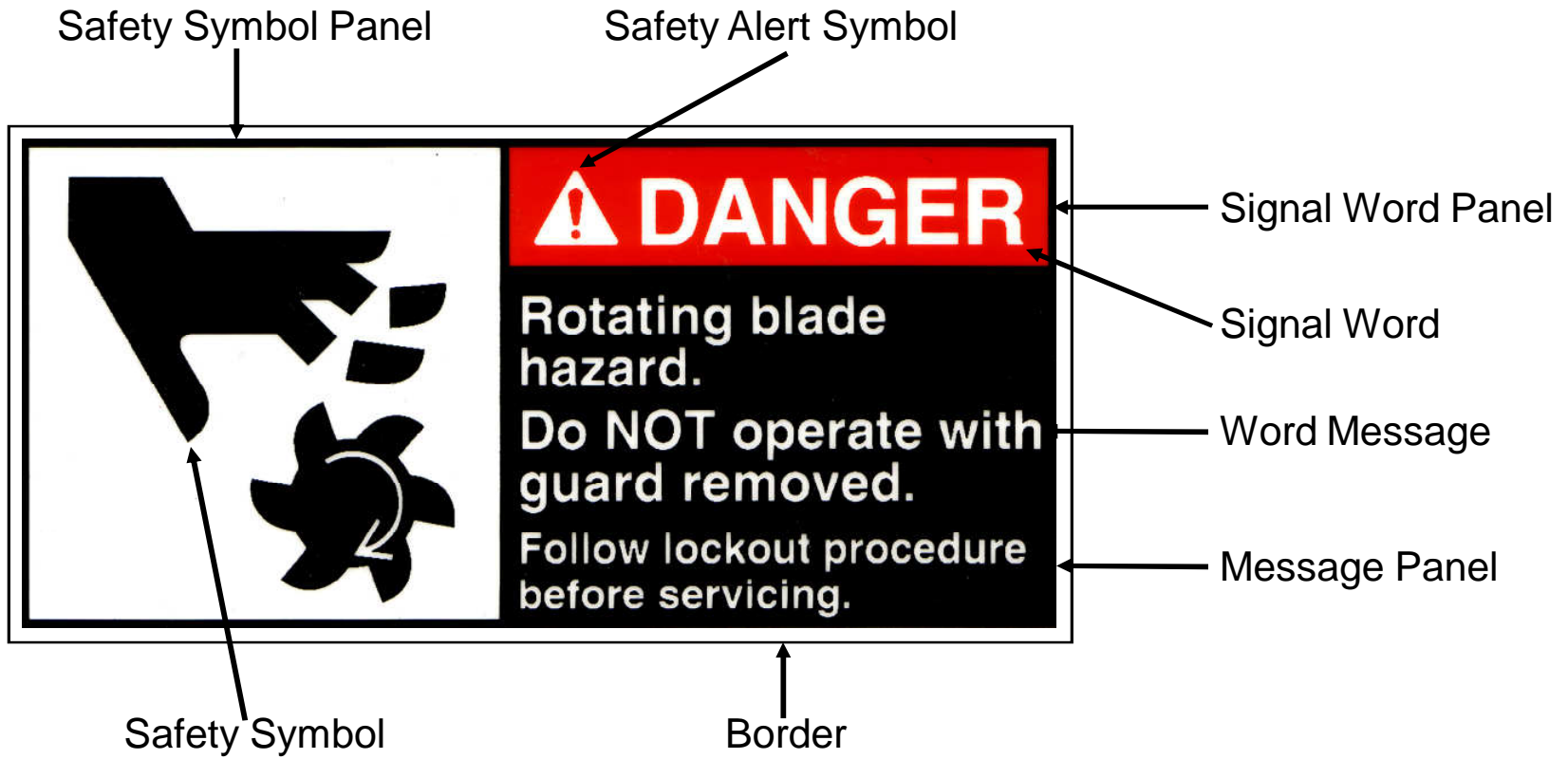
- **Scope:**

- “...sets forth performance requirements for the design, application, use, and placement of safety signs and labels intended to identify hazards...” (p. 1)

- **Purpose:**

- Establish uniform & consistent visual layout
- Minimize proliferation of product safety sign and label designs
- Establish a uniform system for recognizing hazards

ANSI Z535.4 Sign / Label



Provides guidance for two general areas:

- **Format:**

- Layout
 - Signal word panel – signal word & safety alert symbol
 - Message panel
 - Safety symbol panel (if necessary)
- Appropriate colors
- Type style, size, & spacing

- **Content:**

- Appropriate signal word
- When to use a safety alert symbol
- Parts of a hazard message
- Dealing with multiple hazard messages
- Safety symbols

ANSI Z535.6 Overview

- **Scope:**

- “...sets forth requirements for the design and location of product safety messages in collateral materials...” (p. 2)
- Collateral materials - owner’s manuals, instructions, user’s guides, maintenance or service manuals, assembly instructions, safety manuals, etc.

- **Purpose:**

- Address applicability of applying elements from other ANSI Z535 standards to collateral materials
- Establish uniform & consistent visual layout for safety information
- Minimize proliferation of safety information designs
- Establish a uniform system for recognizing hazards
- Assist manufacturers in providing safety information
- Promote efficient development of safety messages

Types of Safety Messages, cont.

	Definition	Format	Location
Supplemental Directive	Messages about other safety messages	May be preceded by a signal word and/or safety symbol	<ul style="list-style-type: none"> ▪ Cover ▪ First page ▪ Before safety messages
Grouped Safety Message	Collected group of messages pertaining to safety	<ul style="list-style-type: none"> ▪ Title ▪ Section headings ▪ Minimize individual message formatting 	<ul style="list-style-type: none"> ▪ Separated or distinct location within document ▪ Separate document
Section Safety Message	Safety messages that apply to entire sections	Signal word panel or safety alert symbol	Beginning of the section to which it applies
Embedded Safety Message	Safety messages that apply to specific procedures, sentences, steps, etc.	<ul style="list-style-type: none"> ▪ Signal word ▪ Safety alert symbol ▪ Or no formatting 	Integrated with non-safety information

Supplemental Directives



Read equipment manufacturer's manual and this material before using this product. Failure to do so can result in serious injury or death.

Figure 1. Supplemental directive with safety alert symbol

Grouped Safety Messages

⚠ WARNING

Read this manual carefully before operating this forklift jack. Call customer service using the numbers shown on the back cover of this manual if you have any questions. Failure to read, understand, and follow the safety instructions and all other information in this manual may result in serious injury or death.

This jack should be used only to raise forklifts. This jack is not designed to raise loads other than forklifts. Using this lift to raise loads other than forklifts can result in serious injury or death.

ALWAYS use appropriate support stands to support a forklift after it has been raised. This jack is a lifting device only! NEVER perform any work on or around a forklift or allow any part of your body under a raised load until the forklift is properly supported by stands.

NEVER use this jack in conjunction with any other jack or lift. NEVER use this jack to raise one side (or end) of a forklift if the other side (or end) of the forklift is not resting on the ground.

Figure 2. Grouped safety message with signal word panel

Section Safety Messages

SECTION HEADING

⚠ WARNING

This is a section safety message. This is a section safety message. This is a section safety message. This is a section safety message. This is a section safety message.

General text general text general text general text general text general text
general text general text general text general text.

Figure 3. Section safety message with signal word panel

SECTION HEADING



This is a section safety message. This is a section safety message.
This is a section safety message. This is a section safety message.
This is a section safety message.

General text general text general text general text general text general text
general text general text general text.

Figure 4. Section safety message with safety alert symbol

Embedded Safety Messages

General text general text general text general text.

WARNING! This is an embedded safety message. This is an embedded safety message. This is an embedded safety message.

General text general text general text.

Figure 5. Embedded safety message with signal word panel

General text general text general text general text general text general text general text general text general text general text.



This is an embedded safety message. This is an embedded safety message. This is an embedded safety message. This is an embedded safety message.

General text general text general text general text general text general text general text general text general text general text.

Figure 6. Embedded safety message with safety alert symbol