

HAZMAT: SECURITY AWARENESS, SHIPPING FUNCTIONS & 4G PACKAGING FABRICATION

THREE PART WEBINAR SERIES

January 9 | January 11 | January 16, 2018 | 2:00 P.M. EST

HazMat Employers are required to certify that their HazMat Employees are trained and evaluated to ensure both a basic understanding of the regulations and the specific requirements of their jobs.

The US DOT defines hazardous materials employees as anyone whose job functions directly affects the transportation of hazardous materials, including employees who design, manufacture, test, mark, or otherwise represent packagings as qualified for use in the transport of hazardous materials [See: 49 CFR 171.1(a)]. All "Hazmat Employees" as defined in the regulations must receive specified training. [See: 49 CFR §172 Subpart H] within 90 days of starting employment and generally every three years thereafter [See: 49 CFR 172.704].

A QUIZ AND CERTIFICATE (RECORD) WILL BE GIVEN UPON COMPLETION OF EACH WEBINAR

WEBINAR 1: HAZARDOUS MATERIALS GENERAL & SECURITY AWARENESS

WEDNESDAY, JANUARY 9 | 2:00 P.M. EST

This webinar is a general awareness and security awareness session to familiarize hazmat employees with the structure and concepts of the US Hazardous Material Regulations (HMR). It meets certain requirements of the regulations, makes employees generally aware of their responsibilities under the HMR, and prevents mistakes that can cause non-compliant packaging. This webinar will be approximately 90 minutes long with time for questions.

LEARNING OBJECTIVES

- Identification of Hazardous Materials for the purposes of HMR
- Hazard Classification System of the HMR
- Use of the Hazardous materials for shipment
- Markings and labels for packages of hazardous materials
- Placarding
- Documentation: shipping papers
- Loading, unloading and segregation
- Understanding of the HMR training requirements
- Requirements for incident reporting
- Security awareness

INSTRUCTOR



Lonnie Jaycox

Lonnie Jaycox CCP, CDGP is an independent packaging engineer, consultant, and trainer in the implementation of compliance and packaging programs for regulated materials including hazardous materials (dangerous goods).

Jaycox has spent over 25 years designing, testing, manufacturing, and implementing packaging programs for the transportation of Hazardous Materials. Jaycox is active in industry and related organizations, including: DGAX, COSTHA, ASTM, IoPP, AHMP, IHMM, and AICC.

WHO SHOULD ATTEND?

- Hazmat employees
- Sales and marketing professionals
- Operators, Printers, Designers, Artwork Approvers, Quality Control Personnel, and Customer Service Representatives

WHY SHOULD I ATTEND?

The most common violation issued by US DOT is a lack of training. Training records are routinely inspected during regulatory audits. Lack of training is seen as the primary cause of non-compliant shipments of hazardous materials. These violations can, and often do, lead to unsafe incidents in transportation, fines, or frustrated shipments that can be costly in both fines and liability.

The most important part of a general awareness training is to raise the consciousness of the employees in their day-to-day job activities about when NOT to do something; unless they have specific knowledge of how to do it in compliance with the HMR. Customer complaints from non-compliant packaging are costly to repair. Even minor mistakes can cause total loss of value for a box run.

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WEBINAR 2: MARKING AND LABELING

THURSDAY, JANUARY 11 | 2:00 P.M. EST

The Hazardous Materials Regulations (HMR) apportion responsibilities to “persons” who perform “functions” as applicable in the HMR. The HMR states that:

§171.2 GENERAL REQUIREMENTS

(a) Each person who performs a function covered by this subchapter must perform that function in accordance with this subchapter.”

Box converters often print Marks and Labels on behalf of their customers

§178.2 APPLICABILITY AND RESPONSIBILITY

(a) This part applies to—

(1) Each person who offers a hazardous material for transportation, and.....

(b) When a person, other than one of those provided for in paragraph (a) of this section, performs a packaging labeling or marking function required by this part, that person shall perform the function in accordance with this part.

LEARNING OBJECTIVES

The requirements of 49 CFR Subparts D (Marking) and E (Labeling) of Part 172 as applicable to box makers.

- Identification of the sections in the regulations applicable to printing
- Specific regulatory requirements pertaining to required packaging Marks and Labels: size, style, color, background, and placement.

INSTRUCTOR

Lonnie Jaycox, *CCP, CDGP*

WHO SHOULD ATTEND?

- Hazmat employees
- Sales and marketing professionals
- Operators, Printers, Designers, Artwork Approvers, Quality Control Personnel, and Customer Service Representatives

WHY SHOULD I ATTEND?

It’s important for a box maker to keep clear lines of responsibility with their customers in the production of hazardous materials packaging to prevent being the cause of a violation; even when the customer has “signed off” on the print specification through a pre-approval procedure. But, it’s a much better business practice to prevent violations in the print approval and manufacturing process itself. This avoids scenes of mutual recrimination between vendor and customer. Prevention of non-compliant marks and labels preserves customer relationships as effectively as it prevents non-compliance.

Understanding the requirements of the HMR with respect to this common function is important for box maker employees who are involved in these specific functions, where even minor mistakes can cause total loss of value for a box run. It is important to prevent non-compliance as a customer service.

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WEBINAR 3: BOXMAKER: SHIPPERS FUNCTIONS

TUESDAY, JANUARY 16 | 2:00 P.M. EST

The Hazardous Materials Regulations (HMR) apportion responsibilities to “persons” who perform “functions” as applicable in the HMR. The HMR states that:

§171.2 GENERAL REQUIREMENTS

“(a) Each person who performs a function covered by this subchapter must perform that function in accordance with this subchapter.” In addition, we see that there are specific functions under the HMR, the responsibility for which, are apportioned to any party that performs a regulated function for a “packaging manufacturer.”

§178.2 APPLICABILITY AND RESPONSIBILITY

“...(2) A manufacturer of a packaging subject to the requirements of this part is primarily responsible for compliance with the requirements of this part. However, any person who performs a function prescribed in this part shall perform that function in accordance with this part.”

These requirements could affect a box converter, even if they are NOT the “Packaging manufacturer” as identified in the regulations. and Labels: size, style, color, background, and placement.

OVERVIEW

This webinar presents an analysis of the requirements of the HMR with respect to “packaging manufacturers” as defined in the regulations; and any parties, such as a box maker that performs regulated functions on behalf of their “packaging manufacturer” customers.

LEARNING OBJECTIVES

The requirements of 49 CFR Subparts L and M of Part 178 as applicable to box converters.

- Identification of the “Packaging Manufacturer” for the purpose of regulations.
- Definition of a “Different packaging” for the purposes of the regulations as applicable to fiberboard boxes. Particularly focused on the requirements for manufacturing a 4G packaging from a previously manufactured packaging identified in a Design Qualification test report.
- Specific requirements for hazardous materials packaging [specifically fiberboard (4G) packaging] applicable to box makers and packaging manufacturers.
- Testing requirements for UN specification packagings
- Record retention
- Quality considerations that can influence regulatory compliance

INSTRUCTOR

Lonnie Jaycox, *CCP, CDGP*

WHY SHOULD I ATTEND?

- Hazmat employees who perform specific functions related to design, specification, and conversion of boxes for hazardous materials
- Sales and marketing professionals
- Designers
- Quality Control Personnel
- Customer Service Representatives

WHY SHOULD I ATTEND?

It is important for a box maker to keep clear lines of responsibility with customers in the production of hazardous materials packaging to prevent being the cause of a violation; even when it is the customer who is identified as the packaging manufacturer under the regulations. In the conversion of fiberboard boxes for use in the transportation of hazardous materials, there are structural, design and quality considerations that need to be incorporated into the processes of converting and selling these regulated boxes; even for box converters who are not identified as the “manufacturer” of a packaging for the purposes of the HMR. Knowledge of the specific regulatory requirements for hazardous materials packaging is the best first step to a comprehensive and effective compliance program. Seemingly minor mistakes or quality lapses can lead to enforcement actions and damaged customer relationships, with concomitant product claims. Prevention of these issues before boxes are made and shipped is the best solution from a business and regulatory standpoint.

