

University of California, Irvine Hazardous Materials Shipping Security Awareness

Hazardous materials, or hazmat, can pose a significant security threat when they are in the wrong hands. The goal of the hazmat shipping security awareness training is to prevent hazmat from being used in acts of terrorism.

Hazmat security is everyone's responsibility. When handling hazmat:

1. Determine the scope of operations that may pose a security risk. Identify the types of hazmat you handle, and the modes of shipment used.
2. Analyze potential security threats and identify security risk control points. Risk control points are areas in the transportation process where you can make an impact by improving procedures or operations.

Hazmat security measures include:

1. Identify hazmat materials you handle with the potential for use as a weapon or target of opportunity.
2. Review your current activities and operations from a transportation security perspective, including what could go wrong and what should be done differently.

Personnel security is a key element when shipping hazmat.

1. Establish a process to confirm applicant hiring information, as someone you hire may pose a threat.
2. Ensure employees are trained on your security procedures and encourage employees to report suspicious incidents or events.
3. Keep identification cards and badges safe and never loan it to anyone. Report stolen or lost IDs to your employer immediately.

Security measures prevents unauthorized access to hazmat.

1. Restrict the availability of information related to your facility and the materials you handle.
2. Secure hazmat in locked buildings or fenced areas and check the adequacy of locks.
3. Secure hazmat containing transport equipment by locking vehicles.
4. Periodically inventory the quantity of hazmat you have on site in order to recognize if a theft has occurred.
5. Keep records of security incidents and review to identify trends and potential vulnerabilities.
6. Do not discuss issues related to facility security with the general public.
7. Report any suspicious incidents or individuals to your employer and/or local law enforcement.

En route security protects hazmat during the transportation process.

1. Shippers must assess the security of transportation modes available for specific materials and select the most appropriate method of transportation to ensure their secure movement.
2. Verify the identity of the carrier/driver by asking for photo identification and a commercial driver's license prior to releasing hazmat packages.
3. If materials must be stored during the transportation process, ensure it is in a secure facility.
4. Install tamper-proof seals on valves, package, or container openings.
5. Implement a system for a customer to alert the shipper if a hazmat shipment is not received when expected.
6. When products are delivered, check the carrier's identity with the shipping documents provided by the shipper.
7. Report any suspicious incidents or individuals to local law enforcement.

Hazardous Materials Shipping Security Awareness Quiz

1. Hazardous materials are least vulnerable when in transit. (True or False)
2. Periodically inventorying the quantity of hazmat in your facility can help recognize if a theft has occurred. (True or False)
3. One easy way to increase security of hazardous materials is to keep them in a secure facility and lock vehicles when transporting. (True or False)
4. A careful employee background check and verification of information provided on an employment application can be an effective deterrent to the insider threat. (True or False)
5. When you are questioned about hazardous materials transportation, it is important that you know the person asking and that he or she has a need to know. (True or False)

Hazardous Materials Shipping Security Awareness Quiz Answers

1. False
2. True
3. True
4. True
5. True