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Environment, Health, & Safety  
Training Program

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**MAT0013 ~ IATA/Biologicals & Dry Ice Shipper**

**Course Syllabus**

<b>Subject Category:</b>	<b>Hazardous Materials Transportation</b>	<b>Course Prerequisite: None</b>
<b>Course Length:</b>	<b>Varies by Vendor and Delivery Method</b>	<b>Medical Approval: None</b>
<b>Delivery Mode:</b>	<b>Off-Site classroom, CD, or via Internet</b>	
<b>Schedule:</b>	<b>As required, established by Research or Support Division</b>	
<b>Location/Time:</b>	<b>Varies, typically 1 day or less, based on vendor schedule or mode of delivery</b>	

**Course Purpose:** Dry ice is regulated as Dangerous Goods when transported by air. Certain biological materials may also be regulated as Dangerous Goods, Division 6.2. Personnel who participate in the process of shipping biological materials in dry ice containing packages by air are required to be trained in accordance with the training requirements of the International Air Transport Association (IATA) and U.S. Department of Transportation (DOT) regulations

**Course Objectives:** Provide requisite training to comply with the following regulatory requirements:

- 1) General familiarization training – which must be aimed at providing familiarity with the general provisions of IATA regulations
- 2) Function specific training – which must provide detailed training in the requirements applicable classifying a biological material under IATA Division 6.2 and preparing a dry ice containing package for transportation in commerce via air shipment
- 3) Safety training – which must cover the hazards presented by dangerous goods, safe handling, and emergency response procedures
- 4) Security awareness training – which must provide awareness of the security risks associated with hazardous materials transportation and methods designed to enhance transportation security. This must also include a component covering how to recognize and respond to possible security threats

**Course Instructional Materials:** Varies, provided by specific vendor and training method

**Instructors:** Current known vendors: Saf-T-Pak Inc. – Shipping 6.2 Dangerous Goods (*classroom, CD, Internet*) and Dangerous Goods International, Infectious Substances – Full Course (IATA) (*Internet*)

**Training Compliance Requirements:** IATA Dangerous Goods Regulations Sec 1.5, 3.6.2, 49 CFR 172.704

**Course Handouts:** Varies, provided by specific vendor. NOTE: A record of training must be provided by the vendor and must include the participant's name, training completion date, description, copy, or reference to training materials used, name and address of training organization, and evidence of satisfactory completion of a test.

**Participant Evaluation:** Written evaluations regarding the effectiveness of the trainer, the training, and the visual aids.

**Written Exam:** Yes

**Practical Exam:** Varies by vendor and method of delivery

**Retraining/Recertification:** Every 24 months

**WEB Resource:** EH&S Training Program web page @ <http://www.lbl.gov/ehs/html/training.htm>, Saf-T-Pak Inc @ <http://saftpak.com/> ; Dangerous Goods International @ <http://www.dgitraining.com/index.htm>