



A Unified Response to Training Needs

**Regulatory Updates and
Resources for Packing and
Shipping Dangerous Goods
Trainers**

July 23, 2025
12:00-1:00 pm ET

Agenda

- Introduction
 - *New and relevant OneLab™ Resources*
 - *Today's Presenters*
- IATA's Significant Changes and Instructor Qualifications
- Packing and Shipping Dangerous Goods Training Program
- Q&A: Isaiah Hurtado & Alicia Branch
- Upcoming Events

Participant Rules of Engagement for the Webinar Chat

Please keep the following in mind when using the chat feature:

- **Connect with others!** React to what you're hearing, share experiences, and ask questions of your fellow participants!
- **Have a question for the presenter?** Use the Q&A function, *not* the chat.
- **Show Respect and Professionalism.** Inappropriate language, improper conduct, or any form of discrimination may result in removal from the webinar.
- **Remain on Topic.** Ensure your comments are relevant to the topic.
- **Comply with Moderators' Guidance.** If a moderator gives direction regarding chat behavior, please comply accordingly.
- **Report Issues.** Notify moderators if you experience technical difficulties or observe any disruptive behavior.



Alicia Branch, PhD

- Lead Health Scientist (Biosafety Specialist)
- OneLab Lead



**Isaiah Hurtado,
MS, MCHES®**

- Health Education Specialist
- ToT Activity Lead



Packing and Shipping Dangerous Goods: What the Laboratory Staff Must Know



Disclaimer

Subject matter experts and presenters wish to disclose they have no financial interests or other relationships with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters.

Presentation Agenda

- 2025 International Air Transport Association (IATA) Dangerous Goods Regulations updates for laboratories that pack and ship Division 6.2 Infectious Substances and dry ice
- Explain the regulatory requirements for qualifying as a packing and shipping dangerous goods instructor
- Steps necessary to acquire the CDC Packing and Shipping Division 6.2 Infectious Substances and Dry Ice training materials

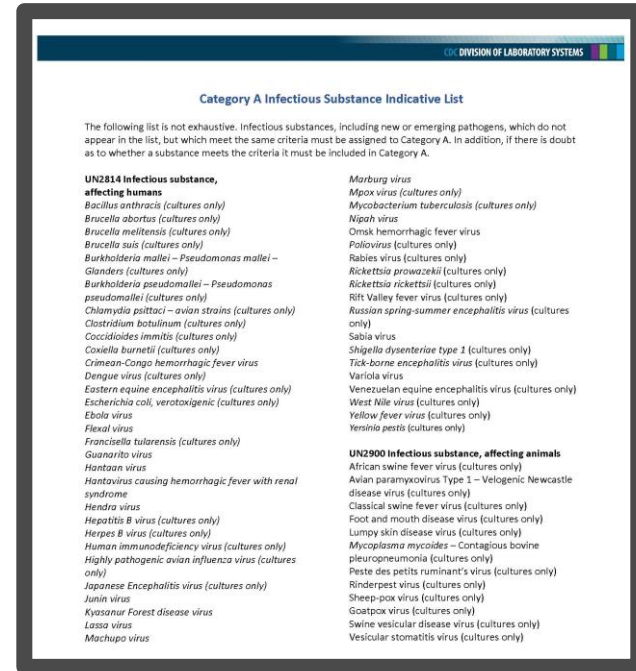
Regulations



IATA's Significant Changes

3.6.2.2.2.1 — The indicative list of Category A pathogens has been amended to show mpox virus as being Category A when in culture form only.

Note: Name change for the formerly known as monkey pox virus to mpox.



Category A Infectious Substance Indicative List

The following list is not exhaustive. Infectious substances, including new or emerging pathogens, which do not appear in the list, but which meet the same criteria must be assigned to Category A. In addition, if there is doubt as to whether a substance meets the criteria it must be included in Category A.

UN2814 Infectious substance, affecting humans	<i>Marburg virus</i>
<i>Bacillus anthracis (cultures only)</i>	<i>Mpox virus (cultures only)</i>
<i>Brucella abortus (cultures only)</i>	<i>Mycobacterium tuberculosis (cultures only)</i>
<i>Brucella melitensis (cultures only)</i>	<i>Nipah virus</i>
<i>Brucella suis (cultures only)</i>	<i>Omsk hemorrhagic fever virus</i>
<i>Burkholderia mallei – Pseudomonas mallei – Glanders (cultures only)</i>	<i>Poliovirus (cultures only)</i>
<i>Burkholderia pseudomallei – Pseudomonas pseudomallei (cultures only)</i>	<i>Rabies virus (cultures only)</i>
<i>Chlamydia psittaci – avian strains (cultures only)</i>	<i>Rickettsia prowazekii (cultures only)</i>
<i>Clostridium botulinum (cultures only)</i>	<i>Rickettsia rickettsii (cultures only)</i>
<i>Coccidioides immitis (cultures only)</i>	<i>Rift Valley fever virus (cultures only)</i>
<i>Coxiella burnetii (cultures only)</i>	<i>Russian spring-summer encephalitis virus (cultures only)</i>
<i>Crimean-Congo hemorrhagic fever virus</i>	<i>Sabia virus</i>
<i>Dengue virus (cultures only)</i>	<i>Shigella dysenteriae type 1 (cultures only)</i>
<i>Eastern equine encephalitis virus (cultures only)</i>	<i>Tick-borne encephalitis virus (cultures only)</i>
<i>Escherichia coli, verotoxigenic (cultures only)</i>	<i>Variola virus</i>
<i>Ebola virus</i>	<i>Venezuelan equine encephalitis virus (cultures only)</i>
<i>Flexal virus</i>	<i>West Nile virus (cultures only)</i>
<i>Francisella tularensis (cultures only)</i>	<i>Yellow fever virus (cultures only)</i>
<i>Guanarito virus</i>	<i>Yersinia pestis (cultures only)</i>
<i>Hantaan virus</i>	
<i>Hantavirus causing hemorrhagic fever with renal syndrome</i>	UN2900 Infectious substance, affecting animals
<i>Hendra virus</i>	<i>African swine fever virus (cultures only)</i>
<i>Hepatitis B virus (cultures only)</i>	<i>Avian paramyxovirus Type 1 – Velogenic Newcastle disease virus (cultures only)</i>
<i>Herpes B virus (cultures only)</i>	<i>Classical swine fever virus (cultures only)</i>
<i>Human immunodeficiency virus (cultures only)</i>	<i>Foot and mouth disease virus (cultures only)</i>
<i>Highly pathogenic avian influenza virus (cultures only)</i>	<i>Lumpy skin disease virus (cultures only)</i>
<i>Japanese Encephalitis virus (cultures only)</i>	<i>Mycoplasma mycoides – Contagious bovine pleuropneumonia (cultures only)</i>
<i>Junin virus</i>	<i>Peste des petits ruminants virus (cultures only)</i>
<i>Kyassnar Forest disease virus</i>	<i>Rinderpest virus (cultures only)</i>
<i>Lassa virus</i>	<i>Sheep-pox virus (cultures only)</i>
<i>Machupo virus</i>	<i>Goatpox virus (cultures only)</i>
	<i>Swine vesicular disease virus (cultures only)</i>
	<i>Vesicular stomatitis virus (cultures only)</i>

Training Components

The training curriculum should include the following:





Instructor Qualifications - IATA

International Air Transport Association (IATA)

- IATA Regulation 1.5.8
- IATA Competency-based Training and Assessment Approach 6.7.2
- IATA Competency-based Training and Assessment Approach 2.2.3





Instructor Qualifications – DOT

U.S. Department of Transportation (DOT)

Q: Who certifies an instructor as qualified to train, test, and certify in accordance with §172.704?

A: Except for certain FAA-required 14 CFR training, the U.S. DOT does not review or certify training programs for preapproval purposes.



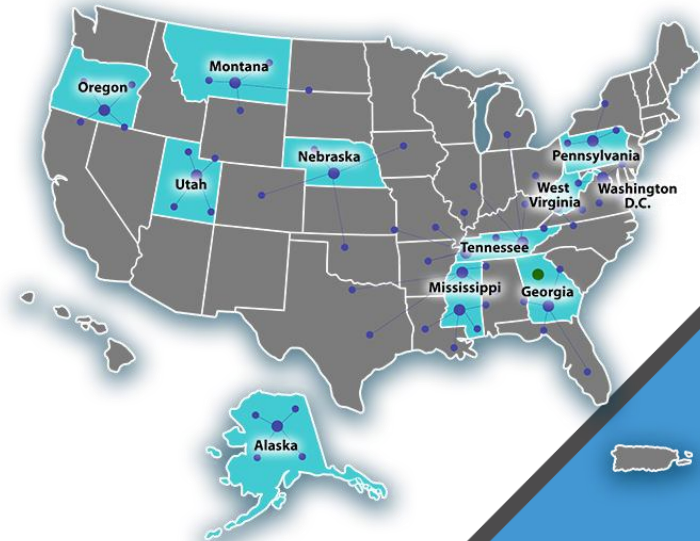
Instructor Resources



Packing and Shipping Dangerous Goods (PSDG) Instructor Program

Since launching in 2021

- 36 laboratory instructors trained
- 86 PSDG course delivered
- Nearly 1,000 clinical and public health laboratory professionals trained



PSDG Instructor Program

In response to the limited number of free courses available, we have developed:

**PSDG eLearning
course**



**Creating Next-
Level Laboratory
Training**



**In-person or
virtual PSDG
course materials**



**PSDG Instructor
Network**





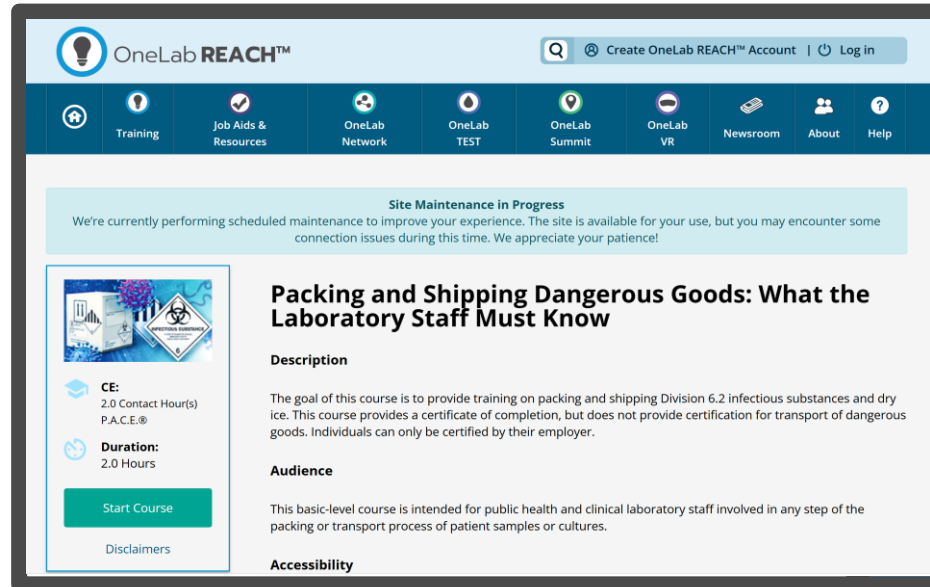
Overview of PSDG Materials

Training materials for Packing and Shipping Dangerous Goods (Category A, Category B, and exempt patient specimen) course

1. Training agenda (one-day and two half-day)
2. Presentation slides
3. Instructor Guide
4. Hazmat Employee Training record
5. Post-training assessment
6. Post-training evaluation template
7. Supporting resources list
8. Certificate of completion template

Steps to Receive PSDG Materials (1)

1. Complete the OneLab™ REACH eLearning Course *Packing and Shipping Dangerous Goods: What the Laboratory Staff Must Know*



The screenshot displays the OneLab REACH website interface. At the top, there is a navigation bar with the OneLab REACH logo on the left and a search bar on the right containing the text 'Create OneLab REACH™ Account | Log in'. Below the navigation bar is a dark blue menu with icons and labels for 'Training', 'Job Aids & Resources', 'OneLab Network', 'OneLab TEST', 'OneLab Summit', 'OneLab VR', 'Newsroom', 'About', and 'Help'. A light blue banner below the menu reads 'Site Maintenance in Progress' with a message: 'We're currently performing scheduled maintenance to improve your experience. The site is available for your use, but you may encounter some connection issues during this time. We appreciate your patience!'. The main content area features a course card for 'Packing and Shipping Dangerous Goods: What the Laboratory Staff Must Know'. The card includes a thumbnail image of a biohazard symbol and a certificate, and lists the following details: CE: 2.0 Contact Hour(s) P.A.C.E.®, Duration: 2.0 Hours, a 'Start Course' button, and a 'Disclaimers' link. To the right of the card, the course title is repeated in a larger font, followed by sections for 'Description', 'Audience', and 'Accessibility'. The 'Description' section states: 'The goal of this course is to provide training on packing and shipping Division 6.2 infectious substances and dry ice. This course provides a certificate of completion, but does not provide certification for transport of dangerous goods. Individuals can only be certified by their employer.' The 'Audience' section states: 'This basic-level course is intended for public health and clinical laboratory staff involved in any step of the packing or transport process of patient samples or cultures.'

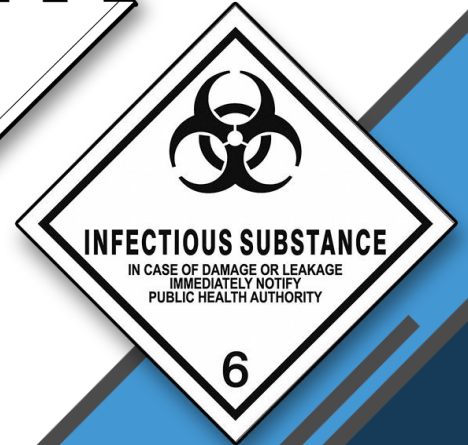
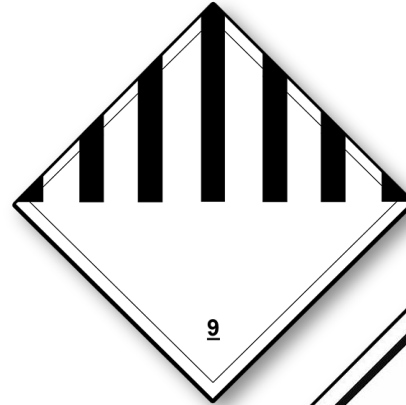
Steps to Receive PSDG Materials (2)

1. Complete the OneLab™ REACH eLearning Course *Packing and Shipping Dangerous Goods: What the Laboratory Staff Must Know*
2. **Attend and complete CDC's Creating Next-Level Laboratory Training**



Steps to Receive PSDG Materials (3)

1. Complete the OneLab™ REACH eLearning Course *Packing and Shipping Dangerous Goods: What the Laboratory Staff Must Know*
2. Attend and complete CDC's Creating Next-Level Laboratory Training
3. **Attend and complete an instructor-led Packing and Shipping Dangerous Goods course**



Steps to Receive PSDG Materials (4)

1. Complete the OneLab™ REACH eLearning Course *Packing and Shipping Dangerous Goods: What the Laboratory Staff Must Know*
2. Attend and complete CDC's Creating Next-Level Laboratory Training
3. Attend and complete an instructor-led Packing and Shipping Dangerous Goods course
4. **Co-facilitate a Packing and Shipping Dangerous Goods course**



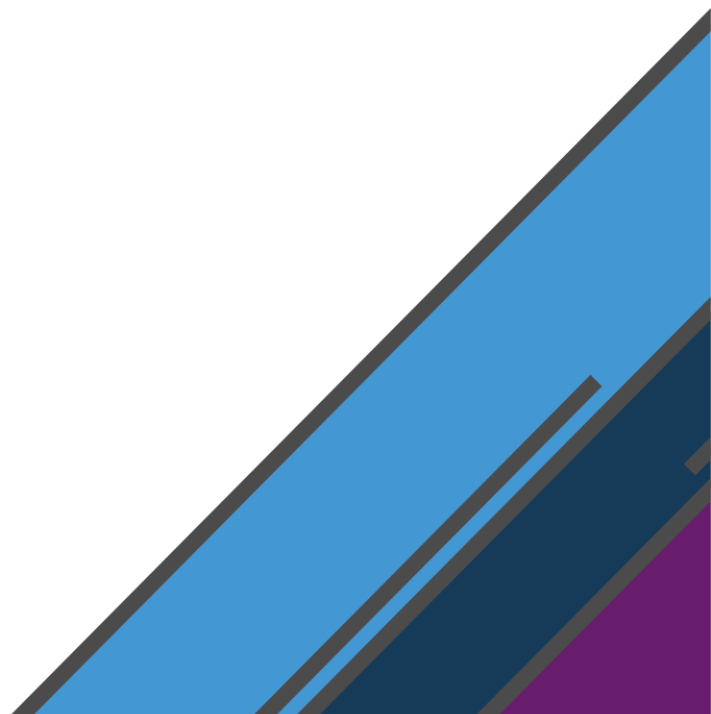
CDC Support for PSDG Instructors



- Update PSDG materials.
- Host Creating Next-Level Laboratory Training course.
- Pair new instructors with those currently conducting training.

Next steps

- Interested? Email labtrainingneeds@cdc.gov
- Our staff will follow up with more information regarding the learning plan components:
 - i. PSDG eLearning course
 - ii. **CNLT course**
 - iii. PSDG instructor-led course
 - iv. Co-facilitate PSDG course



Interested in the PSDG program?

Email labtrainingneeds@cdc.gov



Questions?



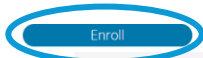
After participating in today's session, to receive continuing education credits you must:

1. Log into your [OneLab REACH account](#). You must be logged into your REACH account to access the evaluation.
2. Click on [this link](#) to take you to the survey.
3. Enter passcode "PS875"
4. Click "Enroll"

Regulatory Updates and Resources for Packing and Shipping Dangerous Goods Trainers - OneLab Network

Are you responsible for packing and shipping Division 6.2 Infectious Substances and dry ice, or training others to do so? Join us for an engaging session focused on Division 6.2 Infectious Substances and dry ice, emphasizing compliance, training qualifications, and the necessary steps to access CDC Division 6.2 Infectious Substances and Dry Ice training materials, along with the International Air Transport Association (IATA) 2025 regulatory updates. This session is vital for individuals who have participated in a CDC Packing and Shipping Training of Trainer cohort or are a laboratory safety officer, laboratory trainer, or are interested in becoming an instructor in packing and shipping Division 6.2 Infectious Substances and dry ice.

Duration
1 Hour



5. Select "Start Course".



6. Select "Start".

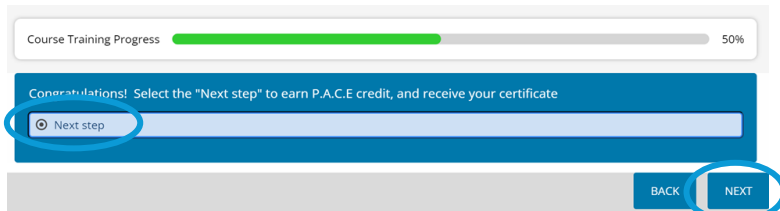
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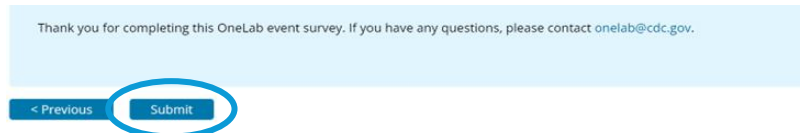
Duration
1 Hour



7. Select "Next step" and "Next".



8. Complete the evaluation and click "Submit". Receive your P.A.C.E.® certificate in your [MyLearnerHub](#).



Upcoming Event!



OneLab
TEST

invites you to a
Webinar

**Quality Assurance & Safety for
Point-of-Care Testing in the
Community Pharmacy Setting**

Featuring guest speaker Matthew Meyer, PharmD, RPh





OneLab **Assessments**

Share your feedback and laboratory training needs with us!

Email OneLab@CDC.gov