



Per state, federal and international regulations, all faculty, staff and students who ship hazardous materials from Clemson University facilities must be trained and certified to do so. **Clemson University must approve and authorize both the training and certification.**



## Hazardous Materials

Under the transportation regulations, Hazardous materials include but are not limited to:

- Laboratory Chemicals
- Biological Agents
- Radioactive Materials
- Compressed Gases
- Patient Specimens
- Dry Ice
- Refrigerants & Related Equipment
- Instruments/Equipment that contains Hazardous Materials
- Batteries

The Office of Research Safety is charged with managing the hazardous materials shipping program for all Clemson facilities. Only trainings and certifications approved by this office will be authorized.

Research Safety makes it easy to get the required trainings and offers them free of charge to all faculty, staff and students. Please contact the Hazardous Materials Manager to arrange your training for domestic or international hazardous materials shipping today!

[Research Safety Website](#)   [Hazardous Materials Shipping](#)



### 1/23/2015 - FAA Proposes \$70,050 Civil Penalty Against the University of Wisconsin-Madison for Alleged Hazardous Materials Violations

Alleges that on January 13, 2015, a grad student traveling on behalf of the university offered an undeclared hazardous material shipment in checked baggage

- Shipment included 1.89 liters of highly flammable ethyl alcohol, and 120 mL of Epofix hardener, a corrosive material
- Delta personnel discovered the shipment & notified the FAA
- Civil penalty was reduce to \$56,000 in final judgement
- Incident shows that being aware of the existing hazmat standard is not an excuse for compliance
- Effective training is critical to ensure everyone makes smart informed decisions about hazardous chemicals & materials they work with everyday

### Other University Fines 2011-2014 (FAA)

Oregon St	\$3,000
Michigan	\$10,000
U Mass	\$15,000
N. Iowa	\$70,000
WU St. Louis	\$3,000
U of Wash	\$33,000
U of MD	\$2,000
Stanford	\$2,550

For more info, please contact the [Hazardous Materials Mgr.](#) or visit the RS website.

