



13. Transportation of Dangerous Goods

BACKGROUND

Under Federal legislation, any person shipping or receiving any material classified under the TDG regulations must have received Transportation of Dangerous Goods (TDG) training. This helps to secure the safety of our roadways from unknown hazardous materials. The Safety Data Sheet (SDS) of a material will indicate if a material is a TDG regulated product (Transportation Section – 14). If you are transporting materials by air, you must also take training specified by the International Air Transport Association (IATA).

All workers have a legal right to know about hazardous materials they may handle. By adhering to TDG packaging requirements (that are covered in TDG training) intermediate handlers of packages (e.g. mail distribution, couriers) are provided with information related to their “right to know.”

SENDING TDG REGULATED MATERIALS

TDG training is available from Health, Safety and the Environment through independent providers. Successful completion of this training will allow you to send and receive TDG regulated materials by road. Please contact HSE if you would like to obtain TDG training.

In this lab, the following individuals have received TDG training, and, therefore, are able to ship and receive packages containing TDG regulated materials. Their TDG certificates should be found in section 5 of this guidebook.

Name:	Date of TDG Course

RECEIVING TDG REGULATED MATERIALS

If you are only receiving TDG regulated materials, the full TDG training is not required; however, the TDG legislation does require that the employer provide tailored training for anyone accepting regulated materials. Health, Safety and Environment (HSE) provides a short course for those individuals that receive regulated goods. Please contact HSE to find out when the next course is available.

GUIDELINES FOR MOVING CHEMICAL AND BIOLOGICAL MATERIALS ON CAMPUS

Purpose

If necessary, lab personnel may move chemical or biological hazards from Shipping & Receiving to a lab, or from building to another following the guidelines below.

- Transportation of hazardous goods by vehicle is prohibited.
- Keep materials in their original packaging where possible.
- All packaging should be in good condition (solid, uncontaminated, and undamaged).



- Shipping or packaging to ship regulated materials off of campus requires Transportation of Dangerous Goods training. Contact HSE for further information.
- Chemical and biological materials or equipment contaminated with these materials cannot be moved by Facilities Management or a general contract moving company.
- Please contact HSE to arrange movement of large volumes of hazardous materials

Personal Protective Equipment & Training

- All personnel must be WHMIS trained
- Obtain lab specific training for hazards encountered
- Gloves should be worn only to handle hazardous materials directly. As the outside of boxes and carts are clean PPE, (including gloves) should not be worn for transport.
- Bring PPE (Lab coat, respirator, gloves) to clean-up if materials should spill

Transportation Pathways and Methods:

- Use a cart to transport
- Use the most direct route as possible while avoiding high hazard areas. High hazard areas include:
 - Food service areas
 - High traffic locations / times
 - Any area near children
- Do not allow passengers to ride in the elevator with you and the hazardous materials
- Indicate hazard class on the outside of the box/bucket
- Have a manifest / list of materials with their hazard class
- Check MSDS prior to moving to understand the hazard

Spill Kit

- Carry a spill kit specific to the type and quantity of material being transported
- Keep incompatible chemicals separate. If necessary, make 2 trips for incompatible chemicals.
- Transport biological materials with appropriate disinfectant
- If materials are removed from their primary transport container or box, they must be put in a strong and sturdy secondary container with absorbent materials

LAST MINUTE CHECKLIST	
<input type="checkbox"/> Do I know what I am transporting?	<input type="checkbox"/> Do I know how to react if the material spills?
<input type="checkbox"/> Do I have a cart?	<input type="checkbox"/> Am I comfortable transporting this material?
<input type="checkbox"/> Do I have a safe path?	<input type="checkbox"/> Do I have an SDS?
YES? It is safe to move	