

AV0500 - TRANSPORTATION OF DANGEROUS GOODS

Interior Health would like to recognize and acknowledge the traditional, ancestral, and unceded territories of the Dākelh Dené, Ktunaxa, Nlaka'pamux, Secwépemc, St'át'imc, Syilx, and Tsilhqot'in Nations, where we live, learn, collaborate and work together.

Interior Health recognizes that diversity in the workplace shapes values, attitudes, expectations, perception of self and others and in turn impacts behaviors in the workplace. The dimensions of a diverse workplace includes the protected characteristics under the human rights code of race, color, ancestry, place of origin, political belief, religion, marital status, family status, physical disability, mental disability, sex, sexual orientation, gender identity or expression, age, criminal or summary conviction unrelated to employment.

1.0 PURPOSE

To ensure staff involved in the Transportation of Dangerous Goods (TDG) comply with applicable government regulations.

2.0 DEFINITIONS

TERM	DEFINITION
<i>Dangerous Goods (Transportation of Dangerous Goods Act, 1992 (Canada))</i>	<i>A product, substance or organism included by its nature or by the regulations in any of the classes listed in the schedule of the Act.</i>
<i>Handling (Transportation of Dangerous Goods Act, 1992 (Canada))</i>	<i>Loading, unloading, packing, or unpacking dangerous goods in a means of containment for the purposes of, in the course of, during or following transportation and includes storing them during transportation.</i>
<i>Offering for Transport (TDG Regulations 1.4 Definitions)</i>	<i>For dangerous goods not in transport, to select or allow the selection of a carrier to transport the dangerous goods, to prepare or allow the preparation of the dangerous goods so that a carrier can take possession of them for transport or to allow a carrier to take possession of the dangerous goods for transport.</i>
<i>Provincial Health Services Authority (PHSA) Supply Chain</i>	<i>The organization that delivers non-clinical services for health authorities and finds opportunities to improve cost effectiveness and enhance service quality. By working collaboratively, PHSA Support Services ensures health authorities get the most value for every dollar spent.</i>
<i>Workers</i>	<i>Refers to all Interior Health (IH) employees (contract and non-contract), physicians, volunteers, students, and/or contractors.</i>

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Policy Steward: Corporate Director, Workplace Health and Safety	
Date Approved: April 2003	Date(s) Reviewed-r/Revised-R: January 2024(R)
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3.0 POLICY

3.1 Scope and Application

Dangerous Goods will only be handled, offered for transport or transported in accordance with the applicable requirements of the provincial and federal regulatory requirements (Transport of Dangerous Goods Act [RSBC 1996] Chapter 458; Transportation of Dangerous Goods Act, 1992 (Canada); (TDG) Transportation of Dangerous Goods Regulation of Canada, SOR/2001-286 of August 1, 2001 as amended from time to time and Transport of Dangerous Goods Regulation [B.C Reg 231/2002]). Persons who handle, offer for transport or transport dangerous goods will be adequately trained and hold a training certificate in accordance with the TDG regulations; or perform those activities in the presence and under the direct supervision of a person who is adequately trained and who holds a training certificate in accordance with the regulations.

A person is adequately trained if the person has a sound knowledge of all the requirements of the regulations that relate directly to the person's duties and to the dangerous goods the person is expected to handle, offer for transport or transport. Once the dangerous goods have been unloaded at a worksite, they are no longer regulated under TDG Regulations. They become a controlled product and are regulated under the Hazardous Products Act and Hazardous Product (WHMIS) Regulations.

Examples of materials classified under the TDG regulations include:

- Class 1: Explosives, e.g. picric acid (< 30% water)
- Class 2: Gases, e.g. propane, acetylene, nitrogen, oxygen
- Class 3: Flammable Liquids, e.g. ethanol >24%, gasoline, diesel
- Class 4: Flammable Solids; Substances Liable to Spontaneous Combustion; Substances That on Contact with Water Emit Flammable Gases (Water-reactive Substances), e.g. picric acid (≥ 30% water), sodium, naphthalene
- Class 5: Oxidizing Substances, Organic Peroxides e.g. hydrogen peroxide
- Class 6: Toxic and Infectious Substances, e.g. phenol, microorganisms, blood or body fluids, diagnostic specimens, contaminated or potentially contaminated waste materials
- Class 7: Radioactive Materials e.g. Cobalt-60
- Class 8: Corrosives, e.g. formaldehyde ≥ 25%, sodium hydroxide, hydrochloric acid
- Class 9: Miscellaneous products, substances or organisms considered to be dangerous to life, health, property or the environment, e.g. asbestos, dry ice (CO2 solid)

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EXEMPTIONS

Tissues or Organs for Transplant

- The Transportation of Dangerous Goods Regulations do not apply to the handling, offering for transport or transporting of tissues or organs for transplant.

Blood or Blood Components

- Part 3 (Documentation), Part 4 (Dangerous Goods Safety Marks), Part 5 (Means of Containment), Part 6 (Training), Part 7 (Emergency Response Assistance Plan) and Part 8 (Reporting Requirements) do not apply to the handling, offering for transport or transporting of blood or blood components that are intended for transfusion or for the preparation of blood products and are reasonably believed not to contain infectious substances.
- The blood or blood components must be in a means of containment that is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the blood or blood components.

3.2 Managing Risks

With regard to managing risks associated with transporting dangerous goods, IH will, as far as possible, ensure that a person handling, offering for transport and transporting dangerous goods complies with all applicable prescribed safety requirements; the dangerous goods are accompanied by all applicable prescribed documentation; and the means of containment and transport comply with all applicable prescribed safety standards and display all applicable prescribed safety marks as outlined in the TDC Regulations 1.7 Safety Requirements, Documents, Safety Marks.

4.0 PROCEDURES

4.1 Roles and Responsibilities

Senior Management (Senior Executive Team, Executive Directors, Directors)

- Assign responsibility for authority-wide development, implementation and administration of the program elements.
- Ensure the resources and training necessary to safely handle and transport dangerous goods are provided.

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Managers/Supervisors

- Be familiar with identification, packaging and shipping documentation referred to by TDG regulations for all hazardous products shipped from their area of responsibility.
- Ensure provision of approved [training programs](#) for all staff required to ship or transport hazardous products.
- Verify that workers and Joint Occupational Health and Safety Committees have completed planning, implementation, and TDG training and certification required to handle dangerous goods coming to and being shipped from Interior Health.
- Verify contractors to site have appropriate and up to date TDG certifications.
- Oversee and evaluate completion of annual TDG assessments and submittal of assessments.
- Ensure procedures as required by TDG regulation are followed.
- Develop and implement department specific procedures as necessary to comply with TDG regulations.
- Ensure training certificates are valid and signed by the employer (iLearn TDG parts 1, 2, and 3).
- Ensure staff re-certification takes place every 3 years.

IH and PHSA Support Services Workers

- Attend [training programs](#) as required by TDG regulation and maintain valid certification.
- Follow all procedures for transport of dangerous goods as outlined by TDG regulation and Interior Health.

Workplace Health and Safety (WHS)

- Liaise and consult with internal and/or external stakeholders to support management interpretation of TDG regulations.
- Review site TDG safe work procedures and practices.
- Review any safety concerns brought to them in regards to TDG.

Contractors

- Ensure all dangerous goods handled on, or transported to or from, Interior Health sites by employees of the contractor are conducted in accordance with the requirements of the Transportation of Dangerous Goods Act.
- Ensure employees of the contractor that are engaged in the transport and handling of dangerous goods have valid TDG training certificates in their possession. The training certificate may be in paper or electronic format.

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5.0 REFERENCES

1. [AV0100](#) – Occupational Health and Safety Program
2. British Columbia [Transportation of Dangerous Good Act](#) [RSBC 1996] Chapter 458 (December 12, 2018)
3. Canada [Transportation of Dangerous Goods Act](#), 1992 S.C. 1992, c. 34 Assented to 1992-06-23

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