



LET'S KEEP IT GREEN

MARCH 2008 EDITION



Changes made to the Transportation of Dangerous Goods (TDG) Regulations came into effect on February 20, 2008 following the publication of Amendment No. 6 in the Canada Gazette.

For interpretation and application, you should consult the [Canada Gazette](#). According to Transport Canada upon reading the changes adopted within the Regulations amending the TDG Regulations, it is obvious to note that these modifications clarify the requirements, address safety issues, continue to improve safety in the transportation of dangerous goods and align the TDG Regulations with international recommendations and modal requirements and the U. S. dangerous goods Regulations.

The following is a summary:

Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases:

- specifically allows “solution” or “mixture” to be added to the shipping name,
- updated references on Safety Standards,
- added or revised definitions for infectious substances such as “Category A”, “Category B”, “culture”, “Type 1A, 1B, 1C means of containment”, “biological products”, “infectious substance”,
- definition of “person” changes to the definition found in the Criminal Code,

Special Cases

- many sections have been reworded to indicate which specific sections of the regulations do not apply to that special case,
- new exemption -150kg Gross Mass Exemption: replaces section 1.15 Exemption for Personal Use, maximum gross per package not to exceed 30kg and total gross mass not to exceed 150kg,
- limited quantity exemption now allows the use of the UN number in a diamond as the LTD QTY mark,
- when more than 500kg of limited quantities are shipped, section 8 for accidental releases applies,

- the exemption for samples (1.19) has been rewritten to make distinctions between samples for testing and samples for demonstrations,

- the exemptions for agricultural products have been rewritten, new exemption for gasoline with a maximum of 200L if the fuel tank is permanently attached to the vehicle it supplies,

- Category B infectious substance, documentation and ERAP's don't apply to Category B, outer packaging must display UN3373 within a diamond mark and shipping name, 24-hour number must be displayed on the package next to the shipping name,

- exemption for Biological Products includes marking the package with “Biological Product” in black letters at least 6mm high, exemption for specimens not known to be infectious: packaging can be Type 1B or “no release of the specimen”, package must be marked with “Exempt Human Specimen” or “Exempt Animal Specimen”,

- Marine Pollutants not meeting the definition of Part 2, Classification, need not be marked for ground shipping, however, packages may be marked as marine pollutants even if not transported by ship,

- new exemption for UN1044, FIRE EXTINGUISHERS has been added where the extinguisher is 18L or less

PART 2, Classification: upper limit for Class 3, Flammable Liquids is 60.0°, toxicity values for Class 6.1 have been brought into line with the values in GHS, revised criteria for Class 6.2 Infectious Substances to reflect Category A and Category B, Appendices 2&3 are revised, Appendices 4&5 are repealed.

PART 3, Documentation: specifies the use of SI system for units of measure, which must be in “net explosives quantity” unless subject to Special Provision 85 or 86.

PART 4, Dangerous Goods Safety Marks: the minimum size of UN numbers on a placard is 65mm high, subsidiary placards now show the class number on the placard, section 4.9 clarifies the removal of placards, UN numbers on placards for shipments of solids greater than 4000 kg may be added, the table in section 4.15 has been revised with more detail on explosives and radioactives, new placard for UN1005, ANHYDROUS AMMONIA, until Aug 31/08 the Class 2.2, Class 2,3 or UN1005 placard may be used, after Aug 31/08 only the Class 2.3 or UN1005 placard may be used, and “Anhydrous Ammonia, Inhalation Hazard” must be on a large means of containment in lettering at least 50mm high, the Category B mark must be displayed for UN3373, the fissile label is to be applied to those packages meeting the requirements,

PART 5, Means of Containment: the packaging table for infectious substances has been simplified by replacing Risk Groups with Category A or B, Type 1B packaging must be capable of passing an internal pressure test and drop test.

PART 7, Emergency Response Assistance Plans: a person who uses another person’s ERAP is still responsible for the emergency response assistance, the accumulation of a large means of containment is now one or more means of containment, each of which has a capacity that is greater than 10% of the ERAP index, must now have an ERAP, if UN1202, UN1203 or UN1863 is subject to Special Provision 82, an ERAP is required, Class 6.2 Infectious Substances – 16 items require an ERAP,

PART 8, Accidental Release and Imminent Accidental Release Report Requirements: changes to the quantity table for Class 1, Explosives and Class 6.2 Infectious Substances, new requirement to contact CANUTEC if Class 1, Explosives are involved

PART 9, Road Transport: new section dealing with Class 1, Explosives where the total net explosives quantity must be less than or equal to the following limits: 25kg for UN0190, 2000kg if in Class 1.1A and 20,000kg.

PART 10, Rail: the table in section 10.6 has an additional column marked “Item” with some minor changes to the table, section 10.7 has a new table for inspection purposes

PART 12, Air: sections 12.7, 12.15, 12.16 have been repealed, section 12.7 Infectious Substances has become redundant, section 12.15 is now section 1.48 Air Ambulance, section 12.16 is now section 1.26 Emergency Response, Class 3, Flammable Liquids must have a capacity of less than or equal to 230L

PART 16, Inspectors: new forms have been implemented for inspectors: detention of dangerous goods or means of containment, direction to remedy non-compliance, direction not to import or to return to place of origin

Schedule 1: some text changes to the legend to the schedule, 2 new classifications have been added: UN3372, Biological Substance, Category B, UN3475, ETHANOL AND GASOLINE MIXTURE, with more than 10 per cent ethanol; ETHANOL AND MOTOR SPIRIT MIXTURE, with more than 10 per cent ethanol, quantity changes to columns 7,8, and 9 for Class 7, Radioactives, quantity changes to columns 7,8, 9 for Class 7, Radioactives, changes to Class 1, Explosives in special provisions and columns 7, 8 and/or 9

SCHEDULE 2 - 9 special provisions have been repealed – 2 of these special provisions are now found in Part 1: SP29 is now section 1.32.1, SP is now section 1.32.3, 9 new special provisions have been modified

SCHEDULE 3 – sequence numbers 145 and 681 have had the primary class corrected, for UN3373, Biological substance, Category B, a new sequence number has been issued – 365.1, for sequence number 1433 and 1434, the descriptive text has been replaced.

Our NEW TDG handbook which includes the new amendment will be available the second week of March, our updated TDG Act & Regulations will be available mid March, place your order today!

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