

Danatec Educational Services Ltd.

Transportation of Dangerous Goods Regulations

Amendment 6 – Summary of Changes

Amendment 6 came into effect on February 20, 2008, making extensive changes throughout the Transportation of Dangerous Goods Regulations.

For a more detailed summary of the revisions, the reasons and the impact, read Transport Canada's **Regulatory Impact Analysis Statement (RIAS)**, available at www.danatec.com. There is a brief **overview** of Amendment 6 on Transport Canada's website: www.tc.gc.ca/tdg

For the complete text of the changes, download **Amendment 6** in HTML or PDF format from <http://canadagazette.gc.ca/partII/index-e.html> (February 20, 2008). Or review the changes as indicated by margin notations in Danatec's up-to-date **consolidation of the TDG Act and Regulations**.

There are over 150 pages of revisions in Amendment 6 so it is not possible to list them all here. These are some of the highlights:

Part	Topic	Changes	Reference in Regulations
Part 1	GENERAL		
	Interpretation – shipping name	<ul style="list-style-type: none"> “solution” or “mixture” and concentration may be added to shipping name 	1.3(2)(d)
	Interpretation – determination of explosives quantity	<ul style="list-style-type: none"> 100 articles of explosives = 1 kg net explosives quantity 	1.3(2)(i)
	Interpretation – “minimum means of containment” and “gross mass”	<ul style="list-style-type: none"> definition for purposes of placarding, ERAP, etc. 	1.3(2)(j)-(l)
	Table of Safety Standards	<ul style="list-style-type: none"> updated references includes standard for fire extinguishers 	1.3.1
	Definitions	<ul style="list-style-type: none"> many changes and additions – e.g., capacity, drum, farmer, gross mass, person definitions for infectious substances – e.g., Category A and B, culture 	1.4
	150 kg Gross Mass Exemption	<ul style="list-style-type: none"> not restricted for personal use applies to everyone, including drivers of delivery or service vehicles 	1.15
	500 kg Gross Mass Exemption	<ul style="list-style-type: none"> includes drums 	1.16
	Limited Quantity Exemption	<ul style="list-style-type: none"> option to display UN numbers in diamond 	1.17(4)
	Liquefied Petroleum Gases UN 1075	<ul style="list-style-type: none"> replaces Special Provision 29 (repealed) 	1.32.1
	Class 2 Gases	<ul style="list-style-type: none"> applies to welders or anyone transporting up to 5 cylinders of compressed gas includes carbon dioxide and nitrogen replaces Special Provision 42 (repealed) 	1.32.3

Part	Topic	Changes	Reference in Regulations
Part 2	CLASSIFICATION		
	Class 3 – Flammable Liquids	<ul style="list-style-type: none"> 60°C is flash point limit for Class 3 (was 60.5°C) 	2.18(1)(a)
	Class 6.1- Toxic Substances	<ul style="list-style-type: none"> some PG III substances no longer classified as dangerous goods 	2.28
	Class 6.2 – Infectious Substances	<ul style="list-style-type: none"> criteria revised to international standards Category A and B (replaces risk groups) 	2.36
	Class 9 - Miscellaneous	<ul style="list-style-type: none"> wastes (materials intended for disposal) no longer regulated under TDG 	2.43
Part 3	DOCUMENTATION		
	Information on a Shipping Document	<ul style="list-style-type: none"> subsidiary classes and packing groups may be shown under a heading 	3.5(1)(c)
Part 4	SAFETY MARKS		
	Ways to Display a UN Number	<ul style="list-style-type: none"> UN number on placard must be at least 65 mm high 	4.8(2)
	Placards – Explosives	<ul style="list-style-type: none"> placards required for more than 10 kg explosives 	4.15(1)(e)
	Placards and UN Numbers – Table	<ul style="list-style-type: none"> class placards and UN numbers required for large containers enclosed in trailer 	4.15(2)
	Placards and UN Numbers	<ul style="list-style-type: none"> subsidiary class placards must show class number 	4.15(4)
	Class 2, Gases	<ul style="list-style-type: none"> new anhydrous ammonia placard must be used after August 31, 2008 tanks must be marked with, “Anhydrous Ammonia, Inhalation Hazard” 	4.18(5)
	Class 6.2, Infectious Substances	<ul style="list-style-type: none"> additional label for 6.2 – Infectious, Category B 	Appendix
	Class 7, Radioactives	<ul style="list-style-type: none"> additional label for Category III – Yellow 	Appendix
Part 5	MEANS OF CONTAINMENT		
	Compatibility Groups	<ul style="list-style-type: none"> compatibility groups B and S may be transported together 	5.7 (1)
	Class 6.2, Infectious Substances	<ul style="list-style-type: none"> new packaging requirements 	5.16, 5.16.1
	Large Means of Containment	<ul style="list-style-type: none"> highway tanks and some portable tanks must meet CSA B620 standards must be tested and inspected changes apply after August 31, 2008 	5.14, 5.14.1



Part	Topic	Changes	Reference in Regulations
Part 6	TRAINING		
		<ul style="list-style-type: none"> no changes to training requirements 	
Part 7	ERAP		
	Requirements for an ERAP	<ul style="list-style-type: none"> revised calculation for ERAP limits ERAP for interconnected rail tank cars with UN 1202, UN 1203 or UN 1863 ERAP for specific Class 6.2, Infectious Substances conditions for using another person's ERAP number 	7.1
Part 8	REPORTING		
	Immediate Reporting - quantities	<ul style="list-style-type: none"> new quantities for Class 1, Explosives any quantity of Class 6.2, Infectious Substance 	8.1
Part 9	ROAD		
	Transporting Dangerous Goods to or from the U.S.	<ul style="list-style-type: none"> specify description of dangerous goods on shipping document 49 CFR exemptions do not apply in Canada 	9.1
Part 10	RAIL		
		<ul style="list-style-type: none"> permissible to transport highway tank on rail vehicle (prohibition removed) 	
	Coupling of Railway Vehicles	<ul style="list-style-type: none"> new guidelines 	10.7
Parts 11 – 16			
		<ul style="list-style-type: none"> miscellaneous changes 	
Schedules 1 and 3 – Lists			
	Column 4 heading	<ul style="list-style-type: none"> Packing Group/Category 	
	dangerous goods in Class 1, Explosives	<ul style="list-style-type: none"> changes to over 300 items, primarily to special provisions 	
	dangerous goods in other classes	<ul style="list-style-type: none"> miscellaneous changes 	
	UN 3475	<ul style="list-style-type: none"> new listing for Ethanol and gasoline mixture (more than 10% ethanol) 	
Schedule 2 – Special Provisions			
	Column 4 heading	<ul style="list-style-type: none"> some moved to Part 1 – e.g., 29 and 42 references to explosives vehicles certificate removed (certificate is being abolished) several special provisions added (81–89) 	

For more information about Amendment 6 or about Danatec's products and services, please contact the Danatec representative in your region (listed at www.danatec.com) or call Danatec at 1-800-465-3366.