

Department/Agency	 United States	 Canada
	U.S. Pipeline and Hazardous Materials Safety Administration (PHMSA)	Natural Resources Canada (NRCan) – Explosives Safety and Security Branch

Regulatory area to be addressed	Explosives Classification
	<i>Natural Resources Canada and the U.S. Pipeline and Hazardous Materials Safety Administration will work to align and promote the safe management of explosives materials including classification requirements.</i>

Work stream A Classification approval criteria	<p><u>Objective:</u> Work toward enhanced recognition of explosives classification assessments.</p> <p><u>Rationale:</u> Given the globalized nature of commercial explosives being manufactured and used, stakeholders have suggested a strong collaboration on the classification of explosives matters for ensuring a mutual recognition, where possible.</p>
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Planned initiatives and sub-deliverables		Date
Initiative A – Existing equivalency		2016 to 2017
	<ul style="list-style-type: none"> Continue work through joint meetings (build on the Powerpoint presentation from May 2016) to identify areas where review and classification processes are equivalent. 	June 2016 -June 2017
	<ul style="list-style-type: none"> Produce a document that identifies methods to share data to simplify and streamline the classification process in those areas. 	June 2016 -June 2017
	<ul style="list-style-type: none"> Document potential agency actions and priorities to further enhance recognition. 	June 2016 – June 2017
	<ul style="list-style-type: none"> Expedite approvals process through moving towards enhanced recognition of each country’s decisions. Develop mechanisms to enhance the recognition and promote consistent results in the analysis of classification tests. 	December 2016 – December 2017 June 2017

Work stream B Harmonization	<p><u>Objective:</u> Work toward reducing variances in explosives transportation.</p> <p><u>Rationale:</u> The legislative systems differ between both countries, leading to varying regulatory approaches and requirements. By acting together, both countries may address individual national interests while achieving</p>
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shared goals of greater safety and security.

Planned initiatives and sub-deliverables		Date
Initiative A - Other issues affecting reciprocity		2016 to 2017
	<ul style="list-style-type: none"> Identify and assess the feasibility of potential measures to recognize the classification of country of origin to facilitate cross-border transportation of explosives. 	June 2017
	<ul style="list-style-type: none"> Enhance cooperation with other Canadian and U.S. agencies on transportation-related explosives issues. 	June 2016 – June 2017

Work stream C Issues identified internally and by stakeholders	<p><u>Objective:</u> Maintain an on-going dialogue among NRCan, PHMSA and stakeholders for ensuring, where possible, reduction of unnecessary costs on businesses associated with different regulatory systems.</p> <p><u>Rationale:</u> Internal review and stakeholders input has identified areas where regulatory variances have led to a different explosive classification having an impact on their operations where they might benefit from enhanced recognition.</p>
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Planned initiatives and sub-deliverables		Date
Initiative A – Review of issues identified internally and by stakeholders		2016 onwards
	<ul style="list-style-type: none"> Review pertinent issues under consideration by the United Nations Transport of Dangerous Goods Sub-Committee including: <ul style="list-style-type: none"> Classification of ammonium nitrate emulsions 1.4S items subject to the 6D test (review of list) 1.4 other than S classification criteria Jet perforating gun classification criteria Small Arms Ammunition Analogy (use and application) Exclusion from Class 1: Substances and Articles (Default to Class 9 or other Class) Rocket Motor classification (default vs. testing) Shaped charges classification (analogy vs. testing) 	June 2016 – June 2017
	<ul style="list-style-type: none"> Review newly identified issues through the NRCan-PHMSA working group and work collaboratively within the UN Transport of Dangerous Goods Sub-Committee to address such issues where appropriate 	June 2016 – onwards

Work stream D	International Engagement: There are a number of North American issues on the transportation of explosives (listed in Work Stream C Initiative A) which require work through international fora, or work at international locations. NRCan and PHMSA will explore opportunities to work collaboratively on these issues to advance joint positions.
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Planned initiatives and sub-deliverables		Date
Collaboration on international standards and initiatives		
	<ul style="list-style-type: none"> Establish coordinated joint positions via working groups and pre-meetings on items in Work stream C Initiative A, wherever practicable, through participation in international fora, including the United Nations Sub-Committee of Experts on the Transport of Dangerous Goods, International Civil Aviation Organization Dangerous Goods Panel, and/or the International Maritime Organization Subcommittee on Carriage of Cargoes and Containers. 	July 01, 2018