

CEAEC

Canadian Explosives Industry Association
Association Canadienne de l'Industrie des Explosifs

CEAEC SUMMER MEETING

August 17, 2021

ER-2013, Amendment Suggestions

Background

- Initial meeting, April 27, 2021
 - CEAEC / ERD
 - Presentation, (Susan Archer)
 - Formal request for CEAEC membership input
 - May 31st deadline



Background

- Request forwarded to the membership, (Aaron G).
- Comments were received, reviewed and added to a master list.
- Comments of similar nature were combined.
- Forwarded to ERD, May 28, 2021

HIGHLIGHTS

- 40 line items
- Focus on efficiencies, regulatory alignment and removal of regulatory overlap.

Acceleration of the UN0332
to UN3375 classification

1

NRCan needs to align with the global standard that Unsensitized Bulk Emulsions are classified as UN3375 and not UN0332. Ammonium nitrate emulsions that meet the requirements of Test Series 8, UN Manual of Tests and Criteria needs to be classified as a 5.1 Oxidizer. CEAEC members are willing to assemble a Team of qualified professionals to help develop the protocols that harmonize with the other global jurisdictions.

HIGHLIGHTS

Removal of regulatory
overlap, MPU licensing

6

NRCan's MPU Licencing should focus on the process and not on the CMVSS components. Current requirements such as Centre of Gravity, Final Stage Document, and Incomplete Vehicle Documents should not be part of NRCan's review.

HIGHLIGHTS

Revision to the definition of
“manufacturing”

3	5	53(c)	altering or remaking an explosive substance or explosive article by modifying its chemical composition (for example, by gassing or blending) or by subjecting it to physical processes with the input of energy (for example, pneumatic handling, pumping, shearing or thickening);	Remove
---	---	-------	---	--------

HIGHLIGHTS

Addition of the use of Risk Assessments for separation distances.

6	5	60(6)(f)	the minimum distance in metres that must be maintained between each process unit, factory magazine and raw material storage facility and each vulnerable place shown on the area plan, as set out in the National Standard of Canada Standard CAN/BNQ 2910–510/2015 entitled <i>Explosives — Quantity Distances</i> as amended from time to time.	Add “ <i>or the results of a quantified risk assessment that indicates the distances on a site will meet acceptable risk criteria</i> ”
---	---	----------	---	--

HIGHLIGHTS

Allowance to have more than one package of explosives to be open at one time.

18	6	150(4)	Packages or containers that are made from wood or have metal fasteners or strapping must not be opened in a magazine. Other packages or containers may be opened in a magazine for inspection or to remove explosives, but they must be opened one at a time.	Remove <i>"but they must be opened one at a time"</i>
----	---	--------	---	--

HIGHLIGHTS

Clarity on explosives sales requirements to provincial / territorial licenses.

28	11	217(1)	A seller may sell industrial explosives only to a buyer who holds a licence or a manufacturing certificate or who is authorized by a competent provincial or territorial authority to store industrial explosives at a mine site or quarry.	Modify to <i>"A seller may sell industrial explosives only to a buyer who holds a licence or a manufacturing certificate or who is authorized by a competent provincial or territorial authority to use or store industrial explosives at a mine site or quarry"</i>
----	----	--------	---	--

HIGHLIGHTS

- Request for standalone documents for,
- Special Purchase, Propellants and rocket motors
 - Fireworks, pyrotechnics
 - Restricted Components

32	13, 14, 15	All		Remove and combine into a Stand-Alone Document
33	16, 17, 18	All		Remove and combine into a Stand-Alone Document
34	20	All		Remove and combine into a Stand-Alone Document

Status

- Received initial feedback, receipt confirmation and acknowledgement of the detail.
- No further correspondence to date.

Questions?