



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

# CEAEC MEETING

Vancouver, April 25-27, 2018

# Empty explosives packaging management



## Packaging — nitroglycerine-based explosive

**(2)** A user must ensure that any packaging or container that has been used for a nitroglycerine-based explosive or any other explosive that is manufactured from a liquid explosive is destroyed so that it cannot be reused (for example, by **breaking** the packaging or container) as soon as the circumstances permit after the packaging or container is emptied.

## Packaging not in good condition

**(3)** A user must ensure that any packaging or container that is not in good condition when it is emptied of explosives is destroyed so that it cannot be reused (for example, by **breaking** the packaging or container) as soon as the circumstances permit.

# Shredder vs burning

## Benefits :

- ✓ reduced air pollution
- ✓ reduced complaints from neighbors
- ✓ potential cardboard recycling
- ✓ No permitting required
- ✓ no ash management/disposal

## Down sides :

- ✓ capital costs – 10K\$+
- ✓ cannot shred everything
- ✓ more manpower required
- ✓ “clean” criteria & segregation



# Shredder

- ERD Approval in principle received October 2016 for shredder use.
- ERD main concerns are :
  - Where will the shredder be located (in case of an incident)
  - Procedure to ensure there are no explosives left in the boxes.
- First trial with a shredder done April 13, 2018
- Inspection procedure in development.

# Shredder first trials picture







# Questions?