



CRANBROOK FIRE & EMERGENCY SERVICES

INFORMATION BULLETIN

STORAGE OF FLAMMABLE/COMBUSTIBLE LIQUID & GASES IN SEA CANS

Cranbrook Fire & Emergency Services recommends that the storage of flammable/combustible liquids and combustible gases such as propane not be stored in metal storage/shipping containers.

If storage of flammable/combustible liquid occurs, it must comply with the following British Columbia Fire Code (BCFC) Regulations.

- ***A fire safety plan developed in cooperation with local fire department is required in all buildings and open areas where flammable/combustible liquids are stored, handled, or used. [BCFC Div. B, 4.1.5.5.]*** These storage units (Sea Cans) should be listed in the owner's fire safety plan and any amount of flammable liquids or hazardous materials identified. Dangerous Goods placards should be affixed to the exposed sides of the container to provide responders with information regarding the hazardous contents.

Ventilation of an enclosed space is required to conform to BCFC Div. B, 4.1.7.2 if flammable/combustible liquids are stored. If flammable/combustible liquids are stored in the Sea Can then the Sea Can must have ventilation provided. This limits the probability that vapours will accumulate, which could lead to their ignition from a nearby ignition source, which could lead to harm to persons.

If storage of propane occurs, it must comply with article 6.5.10 of the Propane Storage and Handling Code. This article includes, but is not limited to the following:

- ***Ventilation of a cylinder storage room shall conform to Propane Storage & Handling Code 6.5.10.4.*** If propane is stored in a Sea Can then the Sea Can must have proper ventilation provided. This limits the probability of propane vapours accumulating and reduces the likelihood of them being ignited and harming people.

This information is for clarification purposes only. It is the responsibility of the owner/operator to conform to the current British Columbia Fire Code, City of Cranbrook Bylaws and those publications referenced within.

If you have any questions or concerns regarding this information please contact Cranbrook Fire & Emergency Services @ 250-426-2325, or visit us at 2503 2nd Street South.