

Accidental CO2 Release

Issue Description:

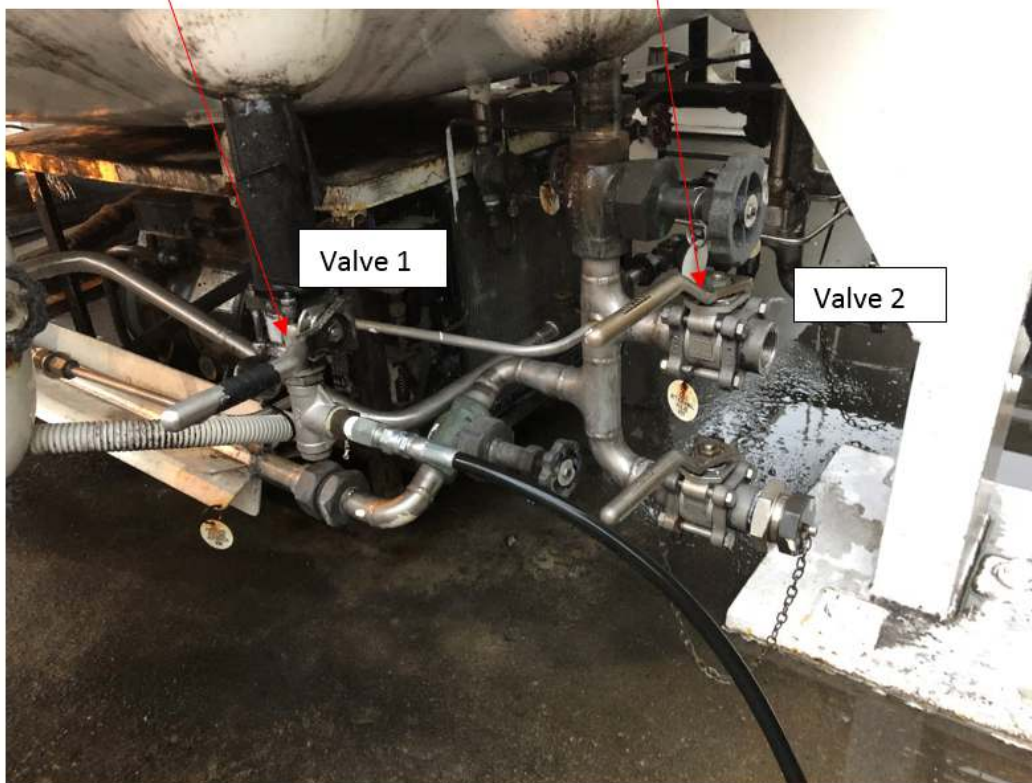
A cellar hand was obtaining dry ice from the main cylinder and accidentally opened the incorrect valve which happened to be one of the main valves. CO2 started to escape and they tried to close valve but could not get the valve closed and the main tank started to drain quickly producing a CO2 cloud. Site evacuated immediately and the fire department called. Everyone accounted for with no injuries sustained.

The Fire Dep entered site with BA gear and isolated valve and conducted CO2 testing to ensure area safe before re-entry.

Reported to WorkSafe and investigation under away.

This valve was open for dry ice production as per procedure.

Instead of closing the first valve when finished, this valve was opened accidentally.

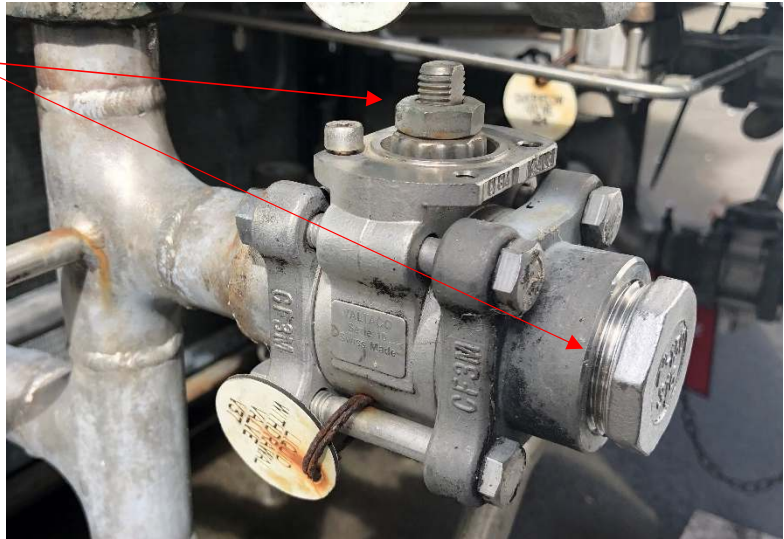


Considerations:

The investigation is currently underway but immediate actions have taken place before re-filling CO2 tank to ensure this event could not re-occur

- Tank valves assessed, some valves found without caps to protect from accidental opening. Install pressure rated caps.
- Handles removed from valves that are not used for filling.
- Colour code labels and update SOP & RA
- Assess other Pressure Tanks onsite to ensure valves are secure and cannot be accidentally opened

Valve 2: Handle removed and end capped



New Signage to identify valves

