

# Safety Alert

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**Subject: Damaged PV Valve During Lifting Operations**

## What Happened / Narrative

Recently we experienced an incident on board one of our Platform Supply Vessels in which the PV (Pressure Vacuum) valve of the LFL (Low Flashpoint Liquid) system for the cofferdam was damaged.

This happened during a back-loading operation in which the container hit the PV valve. The pictures below show damage caused clearly.

N.B; It was not clear to the vessel crew if a similar incident happened to the Methanol valve whilst carrying Methanol how the loss of containment would be stabilised.

## Why Did it Happen / Cause

- There wasn't sufficient protective structure around the PV valve to protect from any swinging / low cargo
- The hazard / area around the PV valves were not clearly visible for the crane operator

## Corrective Actions Taken / Recommendations

1. Area around the PV valves to be highlighted in black and yellow. This is to highlight to all personnel, including the crane driver of the hazards in this area.
2. Vessels engaged in the carriage of Methanol are to ensure that the specific Risk Assessment also covers the risk of loss of containment through damaged PV valve and the mitigation needed to stabilise the tank.

## Photographs / Supporting Information



- Could this happen on your vessel?
- How are your PV valves highlighted and protected?
- What measures do you have to deal with loss of containment of LFL cargoes?

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