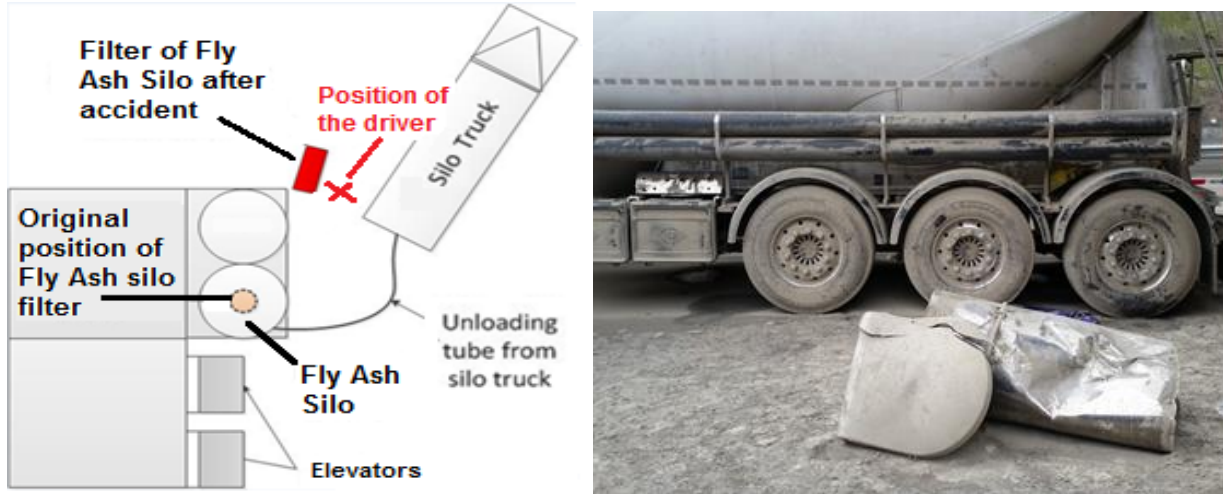


SERIOUS EVENT REVIEW

Event date: April 2016

Failure to Identify Hazard

A fatality occurred during the unloading of fly ash at a ready-mix plant site. While a bulk truck driver was unloading fly ash into the silo, the filter from the customer silo was blown 15 metres into the air, flew over an adjacent silo, and fell down striking and killing the driver.



Immediate Cause:

As the pressure in the silo increased while the fly ash was being unloaded, the silo filter separated from, the roof of the silo causing it to fall to the ground.

Contributing Factors:

The silo was not equipped with a pressure relief valve (PRV) and the last delivery to this silo was approximately 6 months prior. There was no evidence of a preventative maintenance schedule to ensure the filter was cleaned and functioning properly.

Root Causes & Corrective and Preventative Actions:

Root Causes	Category	Corrective and Preventive Actions
The silo was not equipped with a pressure relief valve (PRV).	Management	Conduct an inventory of all silos and install PRV in accordance with manufacturer's specifications where necessary. -
There was no evidence of a maintenance schedule to ensure proper cleaning and function of the filter and pressure relief valve (PRV).	Management	Ensure that all silos are included in a comprehensive preventative maintenance program per the manufacturer's recommendations.