



Vapor Cloud

Category: Loading/Unloading Related, Container related, Product Storage related, Facility or Equipment related, Procedure related

Position(s) of employees/contractors:

Facility Operator, Bulk Delivery Driver

Brief summary:

Delivery driver unloading Hydrochloric Acid to a bulk tank. Very humid day creating a vapor cloud while unloading due to a poor seal on the manway cover on the top of the tank.

List any corrective actions:

Manway seal corrected, revision to SOPs to stop process when atmospheric condition is of concern.

Other recommendations:

Always stop any process when safety is in question.

Communicated to other employees, public, customers, etc.?

Emergency services utilized robo call to advise public downwind to implement shelter in place.

Senior management involved:

Senior Management on site and fielded calls and available for interviews.

Other comments:

Monitored atmospheric conditions never reached a hazardous level, first use of robo call by emergency services which proved to be a success.