



# **■ Dow Chemical – Altona Operations Update 2016 YTD**

ACNCG Meeting – 10<sup>th</sup> November 2016

## Topics

1. Altona Complex Emergency Exercise
2. EH&S Improvement Plans– 2016 Progress and 2017 Goals

# ■ Altona Complex Emergency Exercise

## Summary

- Exercise carried out on Wednesday, 19<sup>th</sup> October 2016.
- It was attended by Dow (host), Qenos, BASF, Westlink Container Park and MFB.
- Scenario involved a significant ethylene oxide (EO) leak. The unignited EO formed a vapour cloud that drifted in south easterly direction affecting neighbouring facilities and residents nearby.
- During the emergency exercise:
  - ❖ Participants got to view the oxide unloading area (location of incident) and witness activation/isolation of the deluge system.
  - ❖ MFB set up ground monitors to measure EO concentration.
  - ❖ Hazmat, BA and Scientific Officer from MFB participated in the exercise to assess the mock incident.
  - ❖ Victoria Police was contacted to close roads, rail roads and, potentially, air space.

## Observations

- MFB recommended back-up personnel to be available to rescue workers going into the affected area.
- MFB enquired if Qenos flare south of the oxide unloading area can be a source of ignition.
- Dow enquired with MFB on what happens after the new community alert system is activated. Concerns were raised on the time taken and responsible party to issue the community alert.



## ■ EH&S Improvement Plans

### 2016 ongoing and completed projects:

1. Installation and commissioning of breathing air system for oxide unloading
2. Installation of fall protection (static line + SRL) system at the top loading station.
3. Installation and commissioning of new loading gantry to eliminate fall > 1.8 m hazard – expected to complete end of 2016.
4. New catalytic oxidizer unit for remediation is installed. Commissioning is ongoing and expected to complete by the end of 2016.

### 2017 plans:

- a. Safety Case review for MHF License renewal



■ Questions?

