



- Dow Chemical – Altona Operations Update 2017 YTD

ACNCG Meeting – 2nd November 2017

Topics: Nov - YTD

1. Company Updates
2. Regulatory Compliance
3. EH&S Improvement Plans 2017-2018

■ Company Updates

1. MHF Safety Case

- Successfully submitted on 27/10/2017
- Conducted Emergency Plan review with MFB, VicPol and Hobsons Bay Council (MERO) on 15/9/2017
- Follow-up visit by WorkSafe organised for January 2018

2. Personal injury

- ZERO recordable injury since May 2016

3. Loss of Containment

- ZERO recordable containment loss since August 2015.

■ Regulatory Compliance

EPA:

- Remedial notices received to conduct a further review on environmental emissions (air, land, water) from 2016 Major Industries Assessment which was carried out September 2016 and final report received in June 2017.
- Dow is working together with EPA to provide the necessary information for improvement.
- APS and NPI submitted for 2016-2017

WorkSafe:

- No reportable events since last meeting
- 4 oversight visits YTD

City West Water:

- Full compliance with Trade Waste Agreement for 2017 YTD.



EH&S Improvement Plans

2017 ongoing/recently completed projects:

1. Upgrade Boom Lift with Safeguard technology

Benefits --> Protect people



Operator moves towards obstruction.



Horn sounds upon operator contact with the bar.



The auto reverse feature activates for most functions.



2. Improve spill protection at three bulk loading stations with installation of high level switches

Benefits --> Increase Level of Protections -> Protect Environment

3. Replacement of pumps on bulk storage tanks to meet Dow Most Effective Technology guidelines.

Benefits --> Higher Reliability Seal -> Protect Environment

■ EH&S Improvement Plans

2018 key project:

Oxide Emission Reduction Project

1. Route process vents containing oxide vapors to site boilers for incineration to further improve oxide emission
=> 99% destruction efficiency, further
Protection Environment
1. Works Approval Pathway Form was submitted to EPA on 19/10/2017
2. Project will not impact current EPA license 10896
3. Project expected to commence in Feb 2018 and target completion date is May 2018



■ Questions?

