

Emergency Preparedness - Loss of Containment of a Hazardous Substance

Introduction

This exercise provides instruction on what action to take on discovering a loss of containment of a hazardous substance within the Veolia facility at the above site.

It is recognised that leaks or spills can present a single person operation with particular difficulties with regards to the nature of the spillage and isolation of the cause. This procedure is written to ensure that isolations of systems containing hazardous substances are carried out promptly and safely where a loss of containment is identified.

For the avoidance of doubt, 'hazardous substance' includes bulk feedwater chemicals and liquid fuels for boiler firing.

- 1) **Without putting your personal safety at risk**, attempt to isolate the source of the leak or cease delivery (as applicable) and cordon off the area.
- 2) If you are trained and competent to do so, don the correct PPE as indicated by the COSHH Assessment/MSDS for the product - available in the site COSHH folder or at the 'Point of Use'.
- 3) Where spills have occurred outside of bunds or containment areas, isolate the source and restrict any possible entry into drainage systems or open ground using the site spill kits. Refer to site drainage plan (Reference H60075/DP/310317) on site notice board.
- 4) Once the area has been made safe, escalate the incident to a manager following the 'Chain of Command' notice on the site notice board. Your report must include details of the approximate volume of the spill and the type of chemical that has been spilled.
- 5) Following discussion with the relevant emergency contact above, a Risk Assessment will be carried out to determine the best course of action for cleaning up the spill. If necessary, the Emergency Spill Response from the Site Emergency Plan will be invoked.
- 6) Investigate and determine the root cause of the failure and put effective countermeasures or repairs in place to get equipment back into operation where safe to do so.
- 7) Ensure that the spill kit is replenished from local stock (where available) or suitable stock is ordered. Place a warning notice on any depleted spill kits.
- 8) Raise an event on AVA.

IMPORTANT

Major Spills

Where a spill has occurred from a bulk storage vessel and poses significant risk to personnel, is obviously excessive for the site spill kit, or presents significant environmental risk then the Site Emergency Plan **H60075/EP** must be invoked without delay. Refer to the site notice board for details.