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Purpose

The purpose of this specification is to describe the requirements for Manifest Holder Tube(s) used at Water Corporation sites that store Dangerous Goods.

NOTE: For security reasons the Manifest Holder Tube(s) must be located just inside the main entrance(s) to site.

1 Scope

This specification applies to all Water Corporation sites that require a Manifest Holder Tube(s).

2 Definitions

ESM Emergency Services Manifest

ERP Emergency Response Plan

3 References

Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007 WA

WC Hazardous chemicals procedure:

<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/58726768>

4 Specification

There are various Manifest Holder Tube configurations currently used within the Water Corporation. Although each configuration can differ slightly with regards to the type of signage used and the location of this signage, the Manifest Holder Tubes share the following key common attributes:

- Galvanised materials used (e.g. iron or steel with a zinc layer (except for the tube))
- The Manifest Holder(s) are to be erected on freestanding posts
- The freestanding post(s) are to be fitted with cross bars or saddles to support the Manifest Tube(s)
- The Manifest Holder Tube(s) are to be secured with either bands, adjustable clamps or padlocks

The following are examples of Manifest Holder Tube configurations commonly found at Water Corporation sites:



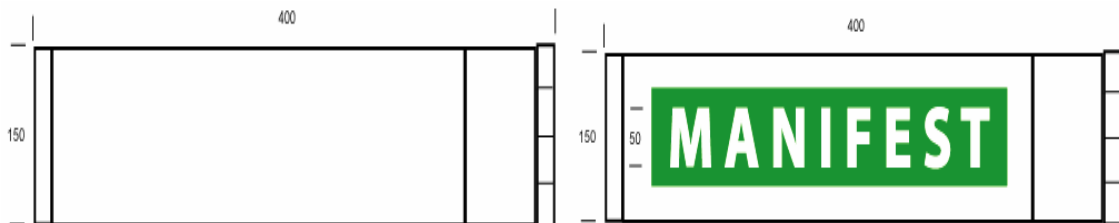
5 Signage

- ESM & ERP Located Here sign
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/58543424> (DS WCSS304)
- Manifest Located Here sign
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/58543403> (DS WCSS301)
- ERP Located Here sign
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/58543417> (DS WCSS303)
- Emergency Assembly Point sign (if required)
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/58543394> (DS WCSS300)

6 Tube Style and Dimensions

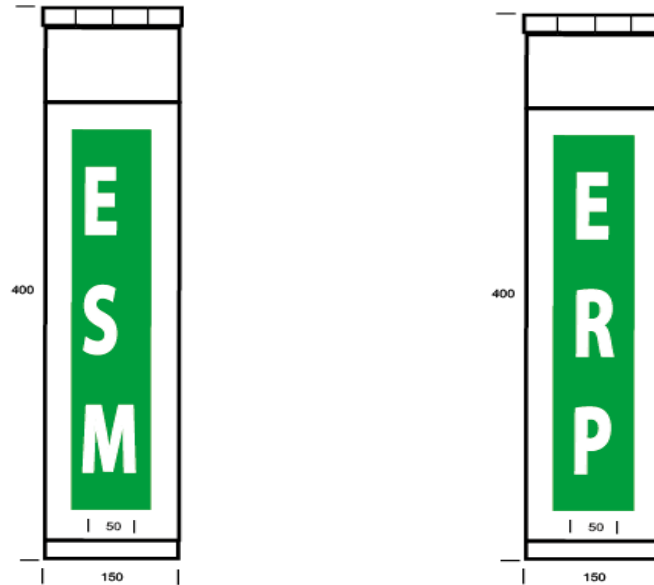
The Manifest Holder Tube can be either of the following:

- PVC pipe: (white) 400mm (L) x 150mm (W) with a 150mm glued end cap on the left-hand side and a 150mm screwed cap on the right-hand side.
- Galvanised Metal: 480mm (L) x 130mm (W) with a closed end cap on the left-hand side and a 135mm hinged cap on the right-hand side. The tube has provision for a padlock.



NOTE: The tubes require a small hole to be pre-drilled at the base to allow condensation to drain out. The hole shall be covered with a type of mesh to prevent insects etc. from entering the tube.

7 Labelling



- Manifest label <https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/58543410> (DS WCSS302)
- ESM label <https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/58581935> (DS WCSS302_1)
- ERP label <https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/58581932> (DS WCSS302_2)

Document Revision History	
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7 May 2007	Document reviewed by RB & NH
17 Sept 2008	Document placed in Aqua PM# 1083817
3 Aug 2010	Document placed in Cordocs format by SZ
25 Aug 2010	Document reviewed by RB & NH
24 Mar 2011	Document reviewed by SZ & RB
27 Sep 2013	Document reviewed by SZ & NH
17 Oct 2017	Document reviewed by SZ & NH Sec5: Options removed; Sec6: new; Sec7: note added
19 Oct 2020	Document reviewed by SZ & NH Minor updates
4 Dec 2023	Document reviewed by SZ & NH