

 WATER CORPORATION <small>ABN 28 003 434 917</small>		Chemical Facility Operations Equipment Specification CYLINDER RAMPS	
Doc ID 58575759	Custodian Senior Principal Engineer, WT, Engineering		
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Purpose

The purpose of this specification is to describe the requirements for cylinder ramps used at Water Corporation sites to aid in the positioning of chlorine, ammonia or carbon dioxide cylinders on to weight scales.

Scope

This specification applies to all Water Corporation facilities using cylinders where the weight scales are not flush with the ground and manual handling is required to manoeuvre the cylinders up on to the weight scales inside the module or building. The use of cylinder ramps is optional as it is dependent upon the individual needs of the operator.

Definitions

N/A

References

WC Design Standard DS 70-5 - Chlorine Container Floor Scales

WC OSH Ergonomics Report <https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/56612023>

Specification

The cylinder ramps shall comply with the following criteria:

- Available in 25mm or 50mm height variations;
- Made from a non-corrosive material;
- Made from a non-slip material;
- Designed with a low gradient slope to minimise the effort required to place a cylinder on weight scales and;
- Can be easily removed if the surrounding area requires maintenance or cleaning.

Purchasing

Water Corporation's SAP eProcurement system currently has the 50mm cylinder ramp which can be purchased using MMR number 21063.

Alternatively, both cylinder ramps can be purchased from the following West Australian distributors:
<http://www.raven.com.au/domino/raven/ravenweb.nsf/pgTRDistWA>

Raven Threshold Ramp information sheet -
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/56618015>

Document Revision History	
23 Feb 2011	Specification created by SZ
22 Mar 2011	Document reviewed by SZ & NH
10 Oct 2013	Document reviewed by SZ & NH
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14 Sept 2017	Revision table updated to remove names
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