

20ft Building and Construction Cabins – Structural Verification

Client Royal Wolf
 Report Number FE-160607-01-R-02 Rev 0
 Report Date 22/07/2016

Equipment 20' building and construction cabins
 Drawings NT-S-1499G Issue D16-A

Design Conditions:

Arrangement	Permissible Wind Region	Permissible Seismic Region	Permissible Live Loading
Triple Stacked, with storage platforms above top level	AS1170.2 Wind Region B	Australia	Storage = 4 kPa Floor = 3 kPa Walkways = 2.5 kPa Overhead protection = 10 kPa
Double Stacked, with storage platforms above top level	AS1170.2 Wind Region D (Worst Case Australia)	New Zealand	Storage = 4 kPa Floor = 3 kPa Walkways = 2.5 kPa Overhead protection = 10 kPa

Location Varies

The equipment detailed above is approved in accordance with the following:

AS4100
 AS1170 Parts 0, 1, 2 & 4
 NZS1170.5
 Sound engineering practice

Comments Additional weight may be required to prevent sliding and overturning, and must be assessed on a case-by-case basis. It is the client's responsibility to ensure that the minimum weight to prevent sliding or overturning is achieved.

This approval is limited to the 20' cabins only, and does not cover the gantry or platforms.

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