

Loading Plan

Title:	Loading Plan Double 1/8 Berglof Box	Reference	PAAGN04/Schedule 2
Date	9 th November 2011	By:	J. Langham
Calculation ref	LLWR/PAAGN04/CALC/001	Issue	2

1. Box Dimensions

Item	Size (L x W x H)	Max Weight (kg)
1/8 Berglof Box	2.2m x 1.4m x 1.005m	2400*

*Max weight is limited to 2400kg due to securing constraints

2. Equipment requirements

The following table shows how many chocks and strap pairs are required for different weights of boxes.

Mass, M (kg)	Number of Chocks in each Direction	Lateral Strap Pairs	Strap Locations	Longitudinal Strap Pairs	Strap Locations
500	2	2	Box 1 B1, B8, E1, E8	0	
1000	3	2	Box 2 H1, H8, K1, K8	0	
1500	3	3		0	
1600	4	3	Box 1 B1, B8, D1, D8, E1, E8 Box 2 H1, H8, I1, I8, K1, K8	2	Box 1 A3, F3, A7, F7, Box 2 G2, L2, G6, L6
1700	4	3			
1800	4	3			
1900	4	3			
2000	5	4			
2400	6	4	Box 1 B1, B8, C1, C8, D1, D8, E1, E8 Box 2 H1, H8, I1, I8, J1, J8, K1, K8		

Table 1

3. Method

Loading of Berglof boxes shall be in a manner to prevent free movement of contents during transport operations. The maximum difference in weight between box 1 and box 2 shall not exceed 10% of the weight of the lightest box.

The straps for each box shall be fastened to the locations presented in Table 1 depending on what weight the boxes are.

Each strap shall be fixed to the grid lattice in accordance with Part F in Guidance Note PAAGN004.

Place the Berglof boxes into the container. The feet of the box shall fit through the grid lattice and the box shall be placed in the same location as detailed in figure 2.

Once the boxes have been placed in the container fit chocks between the box and the grid lattice. The chocks shall fit securely between the box and the grid lattice.

To complete the securing of the box within the container fix the opposing straps to each other and tighten them to ensure they are secure. Hand force (500N max) is only permitted when tensioning the strap. Mechanical aids such as levers, bars etc, are not to be used as extensions unless they are part of the tensioning device.

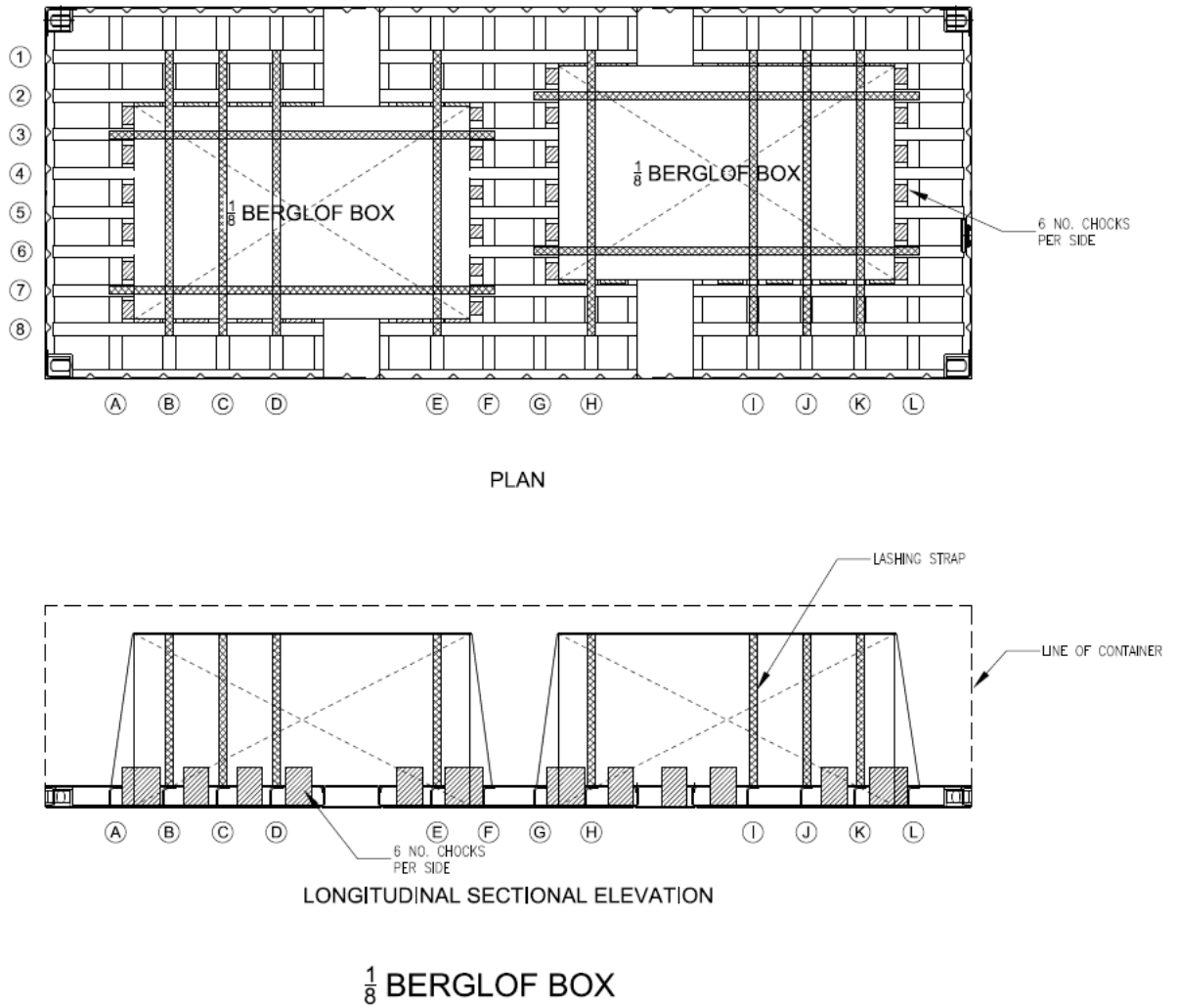


Figure 1