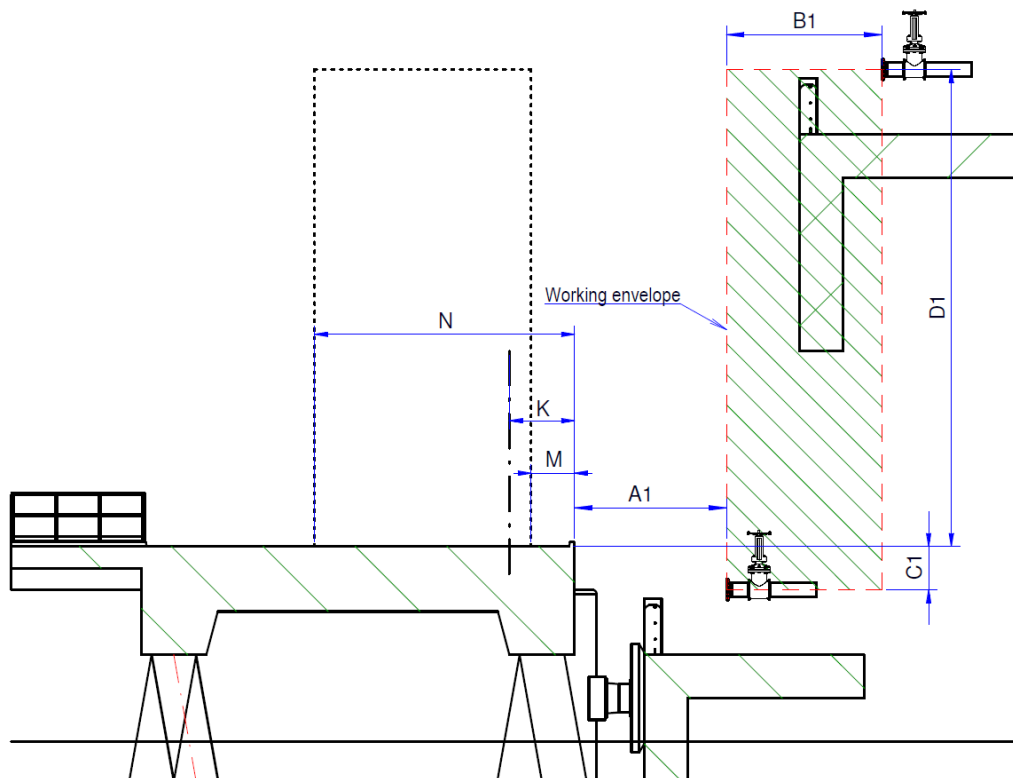


Design Data Sheet – Hose tower

1. Working envelope

Variable	Description	Value
		[mm] / [ft-inch]
A1	Horizontal distance from jetty face to start of working envelope. Based on compressed fender	
B1	Total horizontal width of working envelope. Based on compressed fender, cargo manifold range and sway allowance of vessel	
C1	Vertical distance from jetty deck level to lowest cargo manifold height, including heave allowance.	
D1	Vertical distance from jetty deck level to highest cargo manifold height, including heave allowance.	
E	Max vessel surge	
- Below rows to be used in case of more than a single rectangular envelope -		
A2		
B2		
C2		
D2		
- If above information is not available please specify design range in DWT and high and low water level in relation to jetty deck height -		



2. Hose specification

Hose no.	Product	Size	Pressure	Flowrate	Allowable pressure loss	Operating temp.
		[inch]	[bar] / [PSIG]	[m3/hr]	[bar]/[PSIG]	[°C] / [°F]
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

3. Hose tower

Variable	Description	Value
		[mm] / [ft-inch]
K	Distance of dock side manifold flange to face of dock for connection of hoses in the tower.	
	Orientation of dock side manifold flange.	horizontal / vertical
L	Spacing of dockside manifold flanges measured along centerline of ship.	
M	Clear operating space in front of hose tower.	
N	Available horizontal distance on dock for hose tower.	
O	Total width available for hose tower measured along centerline of ship.	

Radio Remote Operation	Yes / No	No implies fixed control station
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Design code(s)	
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4. Hose handling crane

Crane dedicated for hose handling?	Yes / No	
Capacity	[t]	
Boom length	[m]	Note: Working radius will defined by JJS in case crane is dedicated for hose handling
Radio remote operation	Yes / No	No implies fixed control station
Design code(s)		

5. Environment

Max design temperature	[°C]
Min design temperature	[°C]
Basic wind speed + des. code ref.	[m/s]
Max operational wind speed	[m/s]
Snow load	[kN/m ²]
Earthquake load	[m/s ²]

6. Electric specifications

Hazardous Area classification		
Available 3 phase power supply	[V]	[Hz]
Available 1 phase power supply	(V)	(Hz)

7. Options

Lighting	Yes / No
Battery back-up for lighting	Yes / No
Security camera mounts	Yes/ No
Lightning protection	Yes / No
Fire water piping for elevated remote monitor	Yes/ No
Gangway on tower structure	Yes/ No