

DESIGN AND SPECIFICATIONS FOR SVT MARINE LOADING ARMS



Transfer complete



PROJECT DATA

Project _____

Location of installation _____

Applicable regulations _____

Number of loading arms _____

Electrohydraulic Control

Yes

Expansion

No

Constant Position Monitoring System (CPMS)

Yes

No

PRODUCT AND SPECIFICATIONS

Loading arm	No.	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Vapor return line/Tandem line	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	Line 1	Line 2
Product	Name	
Nominal size	inch	
Design pressure	bar	
Operating pressure	bar	
Design temperature	°C	
Operating temperature	°C	
Flow rate	m ³ /h	
Product viscosity	cSt or cP	
Specific product weight	kg/m ³	
Allowable pressure drop	bar	
Fluid group (in case of PED)	<input type="checkbox"/> I <input type="checkbox"/> II	<input type="checkbox"/> I <input type="checkbox"/> II
Emergency Release Coupler (ERC)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Quick Connect/Disconnect Coupler (QCDC)	<input type="checkbox"/> Manual <input type="checkbox"/> Hydraulic	<input type="checkbox"/> Manual <input type="checkbox"/> Hydraulic
Vacuum breaker	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Nitrogen purging system	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Trace heating/insulation	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No



DESIGN AND SPECIFICATIONS FOR SVT MARINE LOADING ARMS

VESSEL AND JETTY SPECIFICATIONS

	Minimum size of vessel	DWT
	Maximum size of vessel	DWT
A	Distance: center line of riser to jetty face	m
B	Distance: jetty face to berthing line	m
C	Shortest distance: berthing line to ship flange	m
D	Widest distance: berthing line to ship flange	m
E	Drift range	m
F	Distance: jetty level to high tide level (HTL)	m
G	Distance: high tide level to low tide level (LTL)	m
H	Distance: LTL to center line of ship flange of smallest ship loaded	m
I	Distance: LTL to center line of ship flange of largest ship unloaded	m
K	Distance: center line to center line of risers (in case of more than one arm)	m
L	Distance: jetty level to connecting flange (land side)	m
M	Smallest distance: center line to center line of ship flanges (in case of more than one arm)	m
N	Widest distance: center line to center line of ship flanges (in case of more than one arm)	m
	Wind speed	m/s
	Lowest ambient temperature	°C
	Highest ambient temperature	°C

Should dimensions A, E, K and L not be available, they will be estimated based on our experience.

