

TDI Logistics Code Of Practice

Title	LCOP nr.	Revision : 2	Page	Process owner: Pont de Claix - Supply Chain
TDI isotank specifications	TDI-SPE-01	Date:28/07/08	1 of 1	Signature:

	General operating requirements	DEDICATED to TDI SERVICE		
1	Isotank	24 cub. mtr. Imo type 1 with toploading and top discharge including 3 internal baffles and external heatcoils.		
2	Approvals	World wide for land ,water and sea operations	Product : UN-2078	
3	Iso frame size	20'x8'x8' 6" equipped with anti spreader plaws		
4	Material	SS 316	Gaskets teflon	
5	Operation	worldwide		
6	Working pressure	4 bar max.	RV setting 4.5 bar	
7	Calculation pressure	10 bar		
8	Vacuum pressure	0.4 bar	without baffle strength	
9	Working amb.temp. range	-30 to 50 °C		
10	Heating temp. range	80 °C	hot water	
11	Insulation	... with aluminum sheating.		
12	Document box	1 with drain holes at bottom side		
13		Connections and access requirements		
14	Liquid connection	DN-50 including diptube incl. tankbottom pit for max. drainage . liquid flange located at top rear side of tank.		
15	Liquid valve	DN-50, flanged, including stud mounted flange.		
16	Vapour connection 1	DN-50 with valve, including blind flange.		
17	Vapour connection 2	DN-50 with valve, including blind flange for silica dry bed connection.		
18	Sample connection	none		
19	Manhole	DN 500 flanged on top covered with insulation		
20	Cleaning nozzle	On each compartment, except the one with manhole.		
21	Ladders	1 at rear and 1 at side		
22	platform	yes, on total top surface with hinged railings		
23		Instrumentation and safety devices		
24	Temperature control	2 digital thermometer located at middle rear side of isotank; range -20 to + 80 °C.		
25	Pressure indicator	yes, 2x digital, flanged; range 0 to 6 bar, including inserted needle valve.		
26	Relieve valve	2 flanged safety pressure relieve valve set at 4.5 bar including flame arrestor.		
27	Rupture disk	between each relieve valve and isotank flange with pressure detection, teflon coated and set at 4.6 bar.		
28	Earthing	1x top and 1 x bottom earthing		
29		Identification and documents		
30	Markings:	Engraved marking plate for CSC -, Custom- and Identity plate		
31		Engraved marking plate for: heating coils, earthing and all nozzles.		
32	Labelling:	International regulation labelling		
33		UN and product labelling		
34	Documents:	Worldwide agreements,certificates and approvals.		
35		General arrangement and detail drawings.		
36		Heating coils		
37	Min. capacity	5 square metres., fabricated from min. 2 mm. thick plate in half pipe shape.		
38	Inlet	Outlet
39	For Readiness for operation see sheet TDI - OPS - 71			
	Notes:			
40	1) All nozzles ,instruments and safety devices to be installed inside insulated boxes with insulated and			
41	sealed covers. All boxes to be equipped with insulated drain pipes from top to bottom .			