

TDI Logistics Code Of Practice

Title TDI tank truck specification	LCOP nr. TDI-SPE-99	Revision : 1	Page 1 of 1	Process owner: Pont de Claix - Supply Chain
		Date:25/07/08		Signature:

	General operating requirements	DEDICATED to TDI SERVICE		
1	Tank Truck	with top loading and top discharge including 3 internal baffles and external heatcoils.		
2	Approvals	ADR Approval	Product :	UN-2078
3	Material	SS 316	Gaskets	teflon
4	Operation	Europe		
5	Working pressure	4 bar max.	RV setting	4.5 bar
6	Calculation pressure	10 bar		
7	Vacuum pressure	0.4 bar	without baffle strength	
8	Working amb.temp. range	-30 to 50 °C		
9	Heating temp. range	80 °C	hot water	
10	Insulation	... with aluminum sheating.		
11	Document box	1 with drain holes at bottom side		
12		Connections and access requirements		
13	Liquid connection	DN-50 including diptube incl. tankbottom pit for max. drainage . liquid flange located at top rear side of tank.		
14	Liquid valve	DN-50, flanged, including stud mounted flange.		
15	Vapour connection 1	DN-50 with valve, including blind flange.		
16	Vapour connection 2	DN-50 with valve, including blind flange for silica dry bed connection.		
17	Sample connection	none		
18	Manhole	Min DN 450 flanged on top covered with insulation		
19	Cleaning nozzle	On each compartment, except the one with manhole.		
20	Ladders	Min 1 at rear		
21	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 tank truck; 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 relief valve and 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	Labeling:	Regulatory labeling		
33		UN and product labeling		
34	Documents:	European agreements, certificates and approvals.		
35		General arrangement and detail drawings.		
36		Heating coils		
37	Min. capacity	5 square meters., 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 .			