



Mechanical data				
Design code	Practice of Engineering			
Inspection	DSM / GTI - FIB			
Design pressure	Atm	-	-	bar
Design temperature	85	-	-	°C
Operating pressure	Atm	-	-	bar
Operating temperature	20	-	-	°C
Test pressure	x	-	-	bar
Working Volume (Butto/Netto)	60/48	-	-	m³
Corrosion allowance	-	-	-	mm
Joint efficiency	-	-	-	-
Stress	10	-	-	%
Danger class	-	-	-	%
Weight empty	1840	-	-	Kg
Weight full of water	x	-	-	Kg
Welding method	See Weld plan			
Surface treatment	SS	-	-	Pickled and passivated
	CS	-	-	-
Tolerances according	-			
Flange gasket contact face finish	-			
Bolt holes in the flanges to straddle centerlines unless otherwise shown on dwg	-			

Process connection				
Mark	Amn Req	Service	Amn Pipe	Flange connection
N1	1	Naftrolog inlet	100 114.3x3.05	DIN 2634-C
N2	1	Naftrolog min. flow	4.0 48.26x2.77	DIN 2634-C
N3	1	Overflow	150 168.3x3.40	DIN 2634-C
N4	1	Bottom outlet	100 114.3x3.05	DIN 2634-C
N5	1	Spare	150 168.3x3.40	DIN 2634-C (With blindflange)
K1	1	LZA (HH)	50 60.3x2.77	DIN 2634-C
K2	1	LISA (H/L/L/L)	50 60.3x2.77	DIN 2634-C
M1	1	Manhole	600	-
M2	1	Manhole	500	See note 1)
M4	1	Name Plate	-	-

General notes

1 M2 Provided with removable large-mesh grid (see drawing 01-005)

A 52	2	Flange 80x10 L=146	14.301 DIN7440	-
A 51	1	Gasket DN50 PNB DN2630 - Novapress Ø15.3mm	NBR/Aramide	-
A 50	1	Pipe Welded D=60.3x2.77 L=208	14.404 DIN7457	3.1B
A 49	1	Flange 80x10 L=200	14.301 DIN7440	-
A 48	1	Flange 50x5 L=293	14.404 DIN7440	-
A 47	2	Flange 50x5 L=90	14.401 DIN7440	-
A 46	1	Flange 50x5 L=260	14.404 DIN7440	-
A 45	1	Plate 5 25x100	14.404 DIN7440	-
A 44	1	Nameplate 2 80x140	SS	-
A 43	1	Blind Flange CS8 N610 DN2527	14.404 DIN7440	3.1B
A 42	1	Pipe Welded D=48.26x2.77 L=424	14.404 DIN7457	3.1B
A 41	1	Elbow D=48.26x2.77 45° R=150	14.404 DN2609	3.1B
A 40	16	Nut M20 DN934	A2 DN267	-
A 39	2	Plate 6 326x326	14.404 DIN7440	3.1B
A 38	1	Pipe Welded D=114.3x3.05 L=614	14.404 DIN7457	3.1B
A 37	1	Elbow D=114.3x3.05 x 55° R=150	14.404 DN2609	3.1B
A 36	1	Pipe Welded D=114.3x3.05 L=707	14.404 DIN7457	3.1B
A 35	8	Studbolt M20x100	A2-50 DN267	-
A 34	6	Plate 20 455x455	14.301 DIN7440	-
A 33	6	Pipe Welded D=355.6x4.78 L=2675	14.301 DIN7440	-
A 32	6	Plate 5 466x275	14.404 DIN7440	3.1B
A 31	6	Plate 5 355x244	14.301 DIN7440	3.1B
A 30	1	Plate 3 450x280	14.404 DIN7440	3.1B
A 29	1	Plate 15 100x75	14.301 DIN7440	3.1B
A 28	1	Plate 15 350x150	14.301 DIN7440	3.1B
A 27	2	Plate 10 60x100	14.404 DIN7440	3.1B
A 26	2	Plate 5 170x100	14.404 DIN7440	3.1B
A 25	2	Plate 10 110x471	14.301 DIN7440	3.1B
A 24	2	Plate 4 D=95	14.404 DIN7440	3.1B
A 23	1	Bar D=35 L=130	14.301 DIN7440	-
A 22	4	Plate 4 160x70	14.404 DIN7440	3.1B
A 21	2	Flange 80x10 L=125	14.301 DIN7440	-
A 20	1	WN Flange C150x168.3 DN2635 s=4.5	14.404 DIN7440	3.1B
A 19	1	Pipe Welded D=168.3x3.6 L=77	14.404 DIN7457	3.1B
A 18	1	WN Flange C150x168.3 DN2635 s=4.5	14.404 DIN7440	3.1B
A 17	1	WN Flange C40x48.3 DN2635 s=2.6	14.404 DIN7440	3.1B
A 16	2	WN Flange C100x116.3 DN2635 s=3.6	14.404 DIN7440	3.1B
A 15	2	WN Flange C50x60.3 DN2635 s=2.9	14.404 DIN7440	3.1B
A 14	1	Pipe Welded D=168.3x2.1 L=226	14.404 DIN7457	3.1B
A 13	1	Pipe Welded D=48.26x2.77 L=257	14.404 DIN7457	3.1B
A 12	1	Pipe Welded D=114.3x2.1 L=366	14.404 DIN7457	3.1B
A 11	1	Pipe Welded D=60.3x2.77 L=124	14.404 DIN7457	3.1B
A 10	1	Manhole D=520 TV 500 Zorom	14.404 ZEPDM	-
A 9	4	Plate 3 1250x1200	14.404 DIN7440	3.1B
A 8	2	Bar D=40 L=45	14.404 DIN7440	-
A 7	2	Studbolt M10x75	Brass	-
A 6	2	Springwasher M10 DN127B	Brass	-
A 5	4	Washer M10 DN125A	Brass	-
A 4	4	Nut M10 DN934	Brass	-
A 3	1	Head HD ØD=3250 s=50 s=6A Fac. DN28011	14.404 DIN7440	3.1B
A 2	1	Plate 5 1580x1021	14.404 DIN7440	3.1B
A 1	1	Head HD ØD=3250 s=50 s=1.3A Fac. DN28011	14.404 DIN7440	3.1B

REVISIONS

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Code no. Buildings S1 Dest. S2 Year
115195410501301

Project no. B17.3 Autocad Size A1

Location: B Serial no. 118

Drawing no. 0101W54296A

AS BUILT STATUS FIB AS BUILT STATUS CLIENT N/A STATUS INSP. AUTHORITY

SCALE: 1:25 DATE: 15-11-2002 REMARKS: SEE DRAWING 001W54299

CHECKED: 15.11.2002

PROJECT: CHEMICALIEN TANKENPARK
DSM - GIST ALLIANCE MASTERPLAN

SUBJECT: NATRONLOG TANK Tagnr 159.11/V04

gti GTI FIB Process Equipment

ENG: 23.11.2002 POS: 316 TEL: 018 276 59 45 WWW: fib.nl
B02: 20.11.2002 POS: 316 TEL: 018 276 59 45 WWW: fib.nl
B02: 20.11.2002 POS: 316 TEL: 018 276 59 45 WWW: fib.nl

FORM A0

SHEET NO. 01-001