

TANK STRAPPING CHART GENERATOR (LEVEL TO VOLUME)

Project: Diesel day tank T 501

Calc no: CALC TK 001

Rev: 0

Yellow cells: enter data. Grey cells: calculated automatically. Free template from instrumentationblog.in

Tank			
Tank type	Horizontal cylinder	Inside diameter (m)	2
Length (horizontal) or height (vertical) (m)	5	Maximum level (m)	2.000
Total volume (m³)	15.708		

Strapping chart					
Point	Level (m)	Level (%)	Volume (m³)	Volume (litres)	Volume (%)
0	0.000	0.0	0.000	0	0.0
1	0.050	2.5	0.105	105	0.7
2	0.100	5.0	0.294	294	1.9
3	0.150	7.5	0.535	535	3.4
4	0.200	10.0	0.818	818	5.2
5	0.250	12.5	1.133	1,133	7.2
6	0.300	15.0	1.477	1,477	9.4
7	0.350	17.5	1.846	1,846	11.8
8	0.400	20.0	2.236	2,236	14.2
9	0.450	22.5	2.645	2,645	16.8
10	0.500	25.0	3.071	3,071	19.6
11	0.550	27.5	3.511	3,511	22.4
12	0.600	30.0	3.963	3,963	25.2
13	0.650	32.5	4.427	4,427	28.2
14	0.700	35.0	4.900	4,900	31.2
15	0.750	37.5	5.380	5,380	34.3
16	0.800	40.0	5.867	5,867	37.4
17	0.850	42.5	6.360	6,360	40.5
18	0.900	45.0	6.856	6,856	43.6
19	0.950	47.5	7.354	7,354	46.8
20	1.000	50.0	7.854	7,854	50.0
21	1.050	52.5	8.354	8,354	53.2
22	1.100	55.0	8.852	8,852	56.4
23	1.150	57.5	9.348	9,348	59.5
24	1.200	60.0	9.841	9,841	62.6
25	1.250	62.5	10.328	10,328	65.7
26	1.300	65.0	10.808	10,808	68.8
27	1.350	67.5	11.281	11,281	71.8
28	1.400	70.0	11.745	11,745	74.8
29	1.450	72.5	12.197	12,197	77.6
30	1.500	75.0	12.637	12,637	80.4
31	1.550	77.5	13.063	13,063	83.2
32	1.600	80.0	13.471	13,471	85.8
33	1.650	82.5	13.862	13,862	88.2
34	1.700	85.0	14.230	14,230	90.6
35	1.750	87.5	14.575	14,575	92.8
36	1.800	90.0	14.890	14,890	94.8
37	1.850	92.5	15.173	15,173	96.6
38	1.900	95.0	15.414	15,414	98.1
39	1.950	97.5	15.603	15,603	99.3
40	2.000	100.0	15.708	15,708	100.0

Prepared by	Checked by
Name:	Name:
Signature:	Signature:
Date:	Date: