



NOZZLE NO	O	T	PART NO
N-2,5,6,8	27.2	3.9	20.25
N-7	21.7	3.7	21.26

DIMENSION OF FLANGE								
SIZE	O	BO	X	R	Q	Y1	C	H
1/2"	89	22.2	30.2	36.2	11.5	16	60.3	16
3/4"	98	27.8	38.1	43.8	13	16	69	16
5"	254	143.7	163.5	187.7	24	36	215.9	23
18"	635	461.8	504.8	533.8	40	68	577.8	32

TABLE			
MARK	PARTICULARS	SIZE RATING	REMARKS
N-1	OIL INLET/OUTLET	5" ASME 150#SO-RF	
N-2	SAFTEY VALVE	3.4" ASME 150#SO-RF	
N-3	AIR VENT	1/2"NPT	
N-4	DRAIN	3/4"NPT	
N-5	LEVEL GAUGE	3/4" ASME 150#SO-RF	
N-6	LEVEL GAUGE	3/4" ASME 150#SO-RF	
N-7	AIR INLET	3/8"NPT	
N-8	PRESSURE GAUGE	3.4" ASME 150#SO-RF	
M-1	MANHOLE	18" ASME 150#SO-RF	

PROJECT NAME			
ITEM NAME	F1-F4 BUR BRGLUB SYSTEM(ML2)		
NAME OF EQUIPMENT	3000L-PRESSURE VESSEEL TANK		
CAPACITY	3000L		
FLUIDE	AIR & OIL		
	ISO VG 460		
CODE & STANDARD		AS PER ASME	
TYPE		PRESSURE VESSELE	
DESIGN PRESS		0.9Mpa	
DESIGN TEMP (MAX)		70°C	
OPERATING PRESS		0.49Mpa	
OPERATING TEMP		65°C	
HYDRAULIC TEST		1.35 Mpa	
MATERIAL		CARBON STEEL	
WEIGHT		1300KG	

15	PLUG	NPT18		2			
14	HEXAGON BOLT				1		
13	STAD BOLT&HEAVY NUT	M14x65 (4SET)	CS		8		
12	STAD BOLT&HEAVY NUT	M14x70 (28SET)	CS		56		
11	STAD BOLT&HEAVY NUT	M16x100 (4SET)	CS		8		
9	STAD BOLT&HEAVY NUT	M30x170 (16SET)	CS		32		
8	U BOLT & NUT	M10x20A (3SET)	CS		6		
7	BALL VALV(600)NPT 3/4				1		
6	BALL VALV(600)NPT 1/2				1		
5	BALL VALV(600)NPT 3/8				1		
4	GASKET 1/2"x1.5 THK				1		
3	GASKET 3/4"x1.5 THK				7		
2	GASKET 2 1/2"x1.5 THK				1		
1	GASKET 18"x3 THK				1		

BOUGHT OUT ITEMS (HARDWARE)							
MARK	DESCRIPTION	SIZE	MATERIAL	QTY	WEIGHT	RATE	AMOUNT
32	PIPING	3/4" x 1/2" SCH80	CS	1set			
31	PIPING	3/4" x SCH80	CS	1set			
30	PIPING	3/4" x SCH80	CS	1set			
29	LEVEL GAUGE	3/4" x ASA150 (REFLEX)	CS	1set			
28	SAFTEY VALVE	3/4" x ASA150	CS	1set			
27	SUPPORT FB	150x100x15THK	CS	1			
26	FLANGE 1/2"	SO2 1/2" x ASA150	CS	1			
25	FLANGE 3/4"	SO2 3/4" x ASA150	CS	6			
24	FLANGE 2 1/2"	SO2 2 1/2" x ASA150	CS	2			
23	FLANGE 18"	SO18" x ASA150	CS	1			
22	COVER FLANGE	RF18" x ASA150	CS	1			
21	PIPE 1/2"	ø1/2" x SCH80	CS	1			
20	PIPE 3/4"	ø3/4" x SCH80	CS	1set			
19	PIPE 2 1/2"	ø2 1/2" x SCH40	CS	1			
18	PIPE 18"	ø18" x SCH40	CS	1			
17	PAD PLATE	170x165x6THK	CS	4			
16	REINFORCING PLATE	ø180x6THK	CS	1			
15	REINFORCING PLATE	ø660x10THK	CS	1			
14	SUPPORT	38x6THKx250LG	CS	1			
13	SUPPPORT	38x6THKx100LG	CS	1			
12	HINGE PLATE	70x50x19THK	CS	2			
11	HINGE PLATE	61x50x19THK	CS	2			
10	SHAFT	ø20x300LONG	CS	1			
9	HANDLE	ø13x250LONG	CS	1			
8	SPLIT PIN DIA	ø5x30LONG	CS	1			
7	SADDLE OF NAME PLATE	230x80x5THK	CS	1			
6	STAY FB	38x6THKx300LG	CS	1			
5	LIFTING LUG	70x90x12THK	CS	4			
4	LEG' C CHANNEL	125x65x6THKx900LG	CS	4			
3	BASE PLATE	120x200x12THK	CS	4			
2	TOP & BOTTOM DISH	ø1510x12THK	CS	2			
1	SHELL	2880x4210x10THK	CS	1			

PRESSRE VESSEEL TANK 3000L.							
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