



DRAWING TO BE READ IN CONJUNCTION WITH 963-019-01 AND 963-123-01

ITEM	PART NO.	DESCRIPTION	SUPPLY	QTY
1				
2	080-606-00	LEVEL TRANSMITTER BINTECH LEVEL TX		1
3				
4	DJ 2848	JUNCTION BOX - Exd No. KB60403		1
5	001-400-01	TEMPERATURE PROBE RDT PT-100		1
6	001-401-00	PRESSURE TRANSMITTER SOR Model: 534CR-TNS1-P9-C1A-VTGITX4		1
7				
8		HEAT EXCHANGER COIL (BRUGG)		1
9	N/A	BOSCH HEAT EXCHANGER BC3200RA		1
10	800-958-01	WILO WATER PUMP MHI 204		1
11	990-009-01	BATCHEN DEWATERING SYSTEM		
12				
13		50 NB Sch 80 PIPE (DISCHARGE RISER) THREADED 2" (M)NPT ON PUMP END		AS REQ.
14				
15	800-034-00	SWAGelok DIALECTRIC INS. UNION		2
16				
17		ULLAGE LINE		1
18	400-008-00	8 NB NEEDLE VALVE S/S		2
19				
20	030-303-00	1/4" OD x 0.9 WALL S.S. TUBING		AS REQ.
21	210-226-00	1/4" (M)NPT X 1/4" TUBE CONNECTOR-S.S.		AS REQ.
22				
23	200-402-00	40 NB PNEUMATIC ACTUATED BALL VALVE		1
24				
25	200-105-00	63mm, 0-2500 kPa PRESSURE GAUGE		1
26				
27		knock out pot Float switch		
28	380-211-00	6 NB HYDROSTATIC RELIEF VALVE 250 PSI		2
29	N/A	INSULATION KIT (SIZES AS REQUIRED)		AS REQ.
30	331-319-00	Relief valve 2"225		1
31	DJ 2848	BACK CHECK VALVE 1/4 NPT		
32		REGULATOR 60 MPa		
33	800-022-00	25NB PN25 MONOLITHIC INSULATION JOINT		3
34	800-024-00	50NB PN25 MONOLITHIC INSULATION JOINT		1
35				
36		1/4" OD x 0.9 WALL S.S. TUBING		AS REQ.
37		METALFLEX GASKETS		AS REQ.
38	200-405-00	25 NB MANUAL BALL VALVE		1
39				
40	200-404-00	25 NB ACTUATED BALL VALVE		3
41				
42	102-202-00	VALVE 2"NPT BACK CHECK STEEL REGO		1
43				
44				
45	332-722-00	20 NB EXCESS FLOW VALVE A13272G		1
46				
47	332-824-00	32 NB (MIN) EXCESS FLOW VALVE REGO A13282C		1
48				
49				
50				1
51				
52				
53				
54				

DJB 1376

Mk.	SIZE	QTY	RATING	SERVICE/USE	DWG. IN TURRET	DWG. IN TANK
N9	20 NB	1	SPECIAL	FLANGE DETAIL		
N8	80 NB	1	MNPT2000#	ULLAGE LINE	800-217-01	990-014-01
N7	14 I.D.	2	SPECIAL	PRESSURE RELIEF	990-002-01	-
N6	40NB	1	SPECIAL	VAPOUR FILL LINE	990-001/7-01	800-205-01
N5		1	SPECIAL	CONTENTS GAUGE	990-012-01	990-012-01
N4	20 NB	1	MNPT 3000#	VAPOUR WITHDRAWAL		
N3	125NB	1	SPECIAL	DRAIN	990-013-01	
N2	25NB	1	SPECIAL	TEMPERATURE PROBE		
N1	25NB	1	FNPT 6000#	WATER OUT		
				WATER IN		
				DRIVEABLE TURRET		
				UNDERGROUND TANKS ARE DESIGNED WITH		
				DRIVEABLE TURRET		
				TANKS ARE FILLED BY UNDERGROUND FILLPOINT		

NOTES !

- THIS IS TYPICAL P&ID AND MAY REQUIRE ADDITIONAL COMPONENTS TO SATISFY LOCAL REGULATORY REQUIREMENTS
- TANKS & PIPEWORK TO BE CATHODICALLY PROTECTED
- UNDERGROUND TANKS ARE DESIGNED WITH DRIVEABLE TURRET
- TANKS ARE FILLED BY UNDERGROUND FILLPOINT

BATCHEN
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30 kL U/G TANK - VAPORISER
PROCESS & INSTRUMENTATION DIAGRAM

B	18/04/16		KAREELA SYSTEM UPDATE	MC	D R A W N	C H E C K E D	SCALE	D R A W I N G	N O.	REV
A	07/10/15		OFFICIAL RELEASE	JD						
REV	DATE	ECN No	DESCRIPTION	BY	07.10.15					963-019-01 A