

A1	INLET VALVE					NONE	
A2	CONTROLLER					NONE	
A3	3 BYPASS VALVES	2				NIBCO	T-111
A4	1 MAKE UP BY-PASS PIPING	2				KOD SHOP	
A5	STRAINER					NONE	
B1	STEAM PRV					NONE	
B2	STEAM CONTROLLER					NONE	
B3	BYPASS VALVES					NONE	
B4	STEAM PRV BY-PASS PIPING					NONE	
B5	1 STRAINER			3		MUELLER	782
C1	RELIEF VALVE					NONE	
C2	RELIEF VALVE PIPING					NONE	
D1	THERMOWELL					NONE	
E1	PRESSURE GAUGE					NONE	
E2	SIPHON & COCK					NONE	
E3	PRESSURE TRANS					NONE	
F1	VENT VALVE					NONE	
F2	1 ORIFICE PLATES			#N/A		#N/A	
F3	BYPASS VALVES					NONE	
F4	VENT PIPING					NONE	
G1	1 MW SPARE GASKETS					NONE	
H1	VACUUM BREAKER					NONE	
M1	BFP RECIRC SHUTTOFF						
M2	BFP RECIRC CHECK						
M3	BFP ORIFICE / VALVE						
M4	BFP PIPING					NONE	
M5	BFP PRESSURE GAUGE			4		GRUNDFOSS	CR60-50U
M1	2 BOILER FEED PUMPS			4		NIBCO	FS17.0
N2	2 ISOLATION VALVE			4		MUELLER	788
N3	2 STRAINER			4		KOD SHOP	
N4	2 PIPING			4			
N5	2 EXPANSION JOINT			4			
N6	BFP DISC PRESSURE GAUGE						
N7	BFP DISC CHECK						
N8	BFP DISCH ISOLATION						
O	CHEMICAL FEED QUILL					NONE	
P	1 MW SPARE GASKETS						
Q1	OVERFLOW VALVE					NONE	
Q2	CONTROLLER					NONE	
Q3	OVERFLOW PIPING					NONE	
R1	LEVEL SWITCH			1 1/2		NIBCO	T-111
R2	1 LEVEL SWITCH BRIDLE PIPING			1 1/2		NIBCO	T-111
S1	1 GAUGE GLASS					NONE	
S2	1 GAUGE GLASS BRIDLE PIPING			1 1/2		NIBCO	T-111
T1							
2	CONTROL PANEL						
	STARTERS					NONE	
1	PUMP STAND					14.2	

NOTES:

1. CUSTOMER TO FIELD ALIGN PUMPS AND MOTORS, THEN SEND KOD CERTIFICATION PAPERS.
2. GROUT STAND AS NECESSARY.

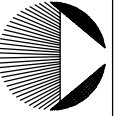
JOB #	SCALE	DESIGNED	DRAWN	CHECKED	DATE	UTD
STD	NTS	MK	GENI	PC	1-15 2004	1-15 2004

TITLE: **GENERAL ARRANGEMENT**

MODEL: VTP50-6008-10-CR45-3

DWG. NO.: **VTP050-6008-10-CR45-3**

CLIENT:



KANSAS CITY DEAERATOR CO.
 6731 W. 121st STREET
 OVERLAND PARK, KANSAS 66209
 (913) 338-2111 FAX (913) 338-2144

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NO.	DATE	DESCRIPTION OF CHANGE
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