



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	792
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	IMV 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			GRUNDFOS	GR80-50U
M1	2 BOILER FEED PUMPS	4			NIBCO	F817.0
N2	2 ISOLATION VALVE	4			MUELLER	798
N3	2 STRAINER	4				
N4	PIPING	4			KOD SHOP	
N5	2 EXPANSION JOINT					
N6	BFP DISC PRESSURE GAUGE					
N7	BFP DISC CHECK					
N8	BFP DISCH ISOLATION					
O	CHEMICAL FEED QUILL				NONE	
P	IMV SPARE GASKETS					
Q1	OVERFLOW VALVE				NONE	
Q2	CONTROLLER				NONE	
Q3	OVERFLOW PIPING				NONE	
R1	LEVEL SWITCHES	1 1/2			NIBCO	T-111
R2	1 LEVEL SWITCH BRIDLE PIPING	1 1/2			NONE	
S1	GAUGE GLASS					
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.

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NO.	DATE	DESCRIPTION OF CHANGE
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NO.	DATE	DESCRIPTION OF CHANGE
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CLIENT: \_\_\_\_\_

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

JOB #	SCALE	DESIGNED	DRAWN	CHECKED	DATE	UTD
STD	NTS	MK	GENI	PC	10-20 2003	10-20 2003

TITLE: **GENERAL ARRANGEMENT**

MODEL: VSP-5508-050

DWG. NO.: **VSP5508-050-CR45-3**