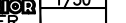


* STAND HEIGHT SUBJECT TO PUMP NPSH REQUIREMENTS

TANK CONNECTIONS (NPT UNLESS NOTED)		PUMP DATA		LEVEL CONTROL		REVISIONS				THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS AND SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, AND NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER, IT MUST BE RETURNED UPON REQUEST.			
A.	(2) PUMP SUCTION	3	FLG. IN.	MAKE	GRUNDFOS	MAKE	M & M	LTR.	DATE			CHANGE	BY
B.	(1) LO PRESS RETURN	3	IN.	MODEL	CR1-13	MODEL	150S					XXX	X
C.	(1) HI TEMP RETURN	3	IN.	DISCHARGE	1 1/4 250#	HIGH/LOW ALARMS		A	XXX	XXX		XXX	X
D.	(1) DRAIN	2	IN.	SUCTION	1 1/4 250#								
E.	(1) OVERFLOW	3	IN.	CAPACITY	4.5 GPM	MAKE	M & M						
F.	(1) THERMOMETER	1	IN.	AT	50 PSIG	MODEL	64						
G.	(1) MAKE UP WATER	1 1/2	IN.			MODEL	64						
H.	(1) VENT	3	IN.	MOTOR DATA		THERMOMETER		FEED WATER VALVE		NOTES			
J.	(1) RECIRCULATION	2	IN.	H.P.	7 1/2	MAKE	THERICE	MAKE	ASCO	1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET. 2. SPECIFICATION SHEET TAKES PRIORITY OVER DRAWING. 3. SURGE TANK DESIGN NON-CODE. 4. ALL DIMENSIONS ARE 1" UNLESS OTHERWISE NOTED. 5. THIS IS AN ATMOSPHERIC SURGE TANK.			
K.	(1) CHEM. FEED	1 1/2	IN.	RPM	3500	MODEL	Y-8034-120-201-15	MODEL	8310G				
L.	(1) MANWAY	12 X 16	IN.	TYPE	TEFC	VOLTAGE	480/60/3	SIZE	1/2 IN.				
M.	(2) LEVEL CONTROLS	1	IN.			SHIPPING WEIGHT		WATER INLET PRESS.					
N.	(2) LEVEL ALARMS	1	IN.	TANK (EMPTY)	1,086 LBS.	MAKE	WIKA	Superior Boiler Works, Inc. reserves the right to furnish trim shown or an equal substitute as determined by Superior Boiler Works, Inc.					
P.	()		IN.	STAND/PUMPS	1,652 LBS.	MODEL	232.34						

DRAWING NAME	
SURGE TANK SYSTEM	
MODEL NO:	S 0300
SIZE:	300 GALLONS
SCALE	DRAWING No
1/30	X



NOTES
 1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
 2. SPECIFICATION SHEET TAKES PRIORITY OVER DRAWING.
 3. SURGE TANK DESIGN NON-CODE.
 4. ALL DIMENSIONS ARE 2" UNLESS OTHERWISE NOTED.
 5. THIS IS AN ATMOSPHERIC SURGE TANK.

Superior Boiler Works, Inc. reserves the right to furnish trim shown or an equal substitute as determined by Superior Boiler Works, Inc.



SCALE
1/30

DRAWING No
X

DRAWING NAME
SURGE TANK SYSTEM

MODEL NO: S 0300
SIZE: 300 GALLONS

DRAWN BY: D. RIDDER DATE: 4-20-11 CHECKED BY: DATE: