

BOILER WATER TREATMENT LOG

MONTH: OCTOBER  
YEAR: 2019

BOILER				Hurst #1	Operating Pressure: 100 psig		Treatment Chemicals Used (In ml's)				Chemical Injection Pump Setting Spd. / Strk.	Initials	
Alkalinity (10 ml sample)			pH R = 10.5 - 12.0	Phosphate (prg. 85) (ppm) R = 20 - 40	Sulfite (50 ml sample) R = 30 - 60 (ppm)	Conductivity (us/cm) R = 3800 - 4200	Boiler Blow	Bottom Blow (Seconds) (Each Leg)	Sulfite	Phosphate			Amine
P Alkalinity R = 200 - 400 X'S 10 (ppm)	M Alkalinity R = 400 - 800 X'S 10 (ppm)								510 ml's	TE- 6,000	TE-605 2,000 ml's	AKA morpholine 6,000 ml's	
DAY OF MONTH													
1	220	240	11.07	27.3	13	1712		10sec	—	—	—	50150	B.A.
2	220	260	11.18	31.0	22	1932		—	—	—	—	50150	B.A.
3	230	270	11.29	31.5	34	2179		—	—	—	—	50150	B.A.
4	260	310	11.33	38.0	40	2477		—	—	—	—	50150	B.A.
5	270	350	11.39	40.2	51	2616		—	6000	8000	6000	50150	B.A.
6	340	440	11.32	49.6	60	2928		—	—	—	—	50150	B.A.
7	320	420	11.52	45.6	68	3060		—	—	—	—	50150	B.A.
8	360	430	11.37	37.2	69	3423		—	—	—	—	50150	B.A.
9	380	490	11.47	52.0	82	3565		10sec	—	—	—	50150	B.A.
10	400	500	11.42	50.6	91	3725		—	—	—	—	50150	B.A.
11	380	490	11.65	55.8	93	3858		—	—	—	—	50150	B.A.
12	430	530	11.44	60.0	90	4010		—	5000	1500	6000	50150	B.A.
13	420	550	11.55	54.6	95	3885		—	—	—	—	50150	B.A.
14	330	440	11.45	57.6	84	4127		—	—	—	—	50150	B.A.
15	360	500	11.56	49.4	92	3266		—	—	—	—	50150	B.A.
16	370	510	11.47	44.4	82	3917		10sec	—	—	—	50150	B.A.
17	400	510	11.44	43.2	75	4024		—	—	—	—	50150	B.A.
18	350	450	11.36	46.2	81	4147		—	—	—	—	50150	B.A.
19	350	450	11.45	46.8	93	3713		—	—	—	—	50150	B.A.
20	310	400	11.46	47.0	105	4022		—	—	—	—	50150	B.A.
21	410	530	11.59	47.0	100	4005		—	—	—	—	50150	B.A.
22	340	480	11.34	47.7	105	4106		—	—	—	—	50150	B.A.
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## Feed &amp; Makeup Water

Bldg. 1 (all wings)			Bldg's. 11/18			Bldg's. 22/24			Bldg's. 52/53			D.A. Tank			Condensate Surge Tank			Water Softeners		
DAY OF MONTH	pH R = 7.8 - 8.2	Weekly Iron (ppg, 33) R = <1.0 (ppm)	Weekly Hardness R = < 1.0 (ppm)	pH R = 7.8 - 8.2	Weekly Iron (ppg, 33) R = <1.0 (ppm)	Weekly Hardness R = < 1.0 (ppm)	pH R = 7.8 - 8.2	Weekly Iron (ppg, 33) R = <1.0 (ppm)	Weekly Hardness R = < 1.0 (ppm)	Monthly Dissolved Oxygen (ppg, 71) 5 (ppb) Max	SULFITE 3-5 PPM tank sample	SULFITE sample line at test bench	Conductivity R = <100 (uS/cm)	Hardness R = <1.0 (ppm)	SULFITE 3-5 PPM tank sample	SULFITE sample line at test bench	#1 Hardness = <1.0 (ppm)	#2 Hardness = <1.0 (ppm)	Initials	
1	7.86	—	—	7.83	1.08	—	7.12	—	—	5	5	4	55.4	0	3	4	0	0	STDBY	B.A
2	8.06	1.08	0	7.67	1.08	—	7.30	1.25	—		3	3	5	64.7	0	4	4	0	0	STDBY
3	8.12	—	—	8.02	—	—	7.53	—	—	5	4	5	67.2	0	4	4	0	0	STDBY	B.A
4	8.29	—	—	8.30	—	—	7.79	—	—		3	4	4	63.5	0	5	3	0	0	STDBY
5	8.29	—	—	8.13	—	—	7.70	—	—	5	3	4	56.6	0	3	3	0	0	STDBY	B.A
6	8.37	—	—	8.08	—	—	7.71	—	—		6	5	5	63.0	0	5	3	0	0	STDBY
7	8.47	—	—	8.42	—	—	7.86	—	—	5	5	3	52.8	0	4	5	0	0	STDBY	B.A
8	8.31	—	—	8.36	—	—	7.94	—	—		5	3	3	51.0	0	5	4	0	0	STDBY
9	8.17	1.66	0	8.35	1.05	—	7.76	1.2	—	5	5	3	52.7	0	5	3	0	0	STDBY	B.A
10	8.43	—	—	7.89	—	—	7.67	—	—		5	5	5	58.5	0	5	4	0	0	STDBY
11	8.46	—	—	8.55	—	—	7.95	—	—	5	4	7	54.1	0	5	5	0	0	STDBY	B.A
12	8.61	—	—	8.51	—	—	7.69	—	—		10	4	4	43.8	0	5	5	0	0	STDBY
13	8.17	—	—	8.21	—	—	7.66	—	—	5	7	4	52.0	0	4	4	0	0	STDBY	B.A
14	8.61	—	—	8.42	—	—	7.66	—	—		5	5	5	56.2	0	5	4	0	0	STDBY
15	8.34	—	—	8.37	—	—	7.67	—	—	0	5	5	49.8	0	5	4	0	0	STDBY	B.A
16	8.61	1.05	0	8.31	1.05	—	7.72	1.29	—		5	3	4	67.0	0	7	4	0	0	STDBY
17	8.67	—	—	8.45	—	—	7.64	—	—	5	3	5	53.7	0	7	4	0	0	STDBY	B.A
18	8.83	—	—	8.57	—	—	7.56	—	—		3	3	5	66.7	0	6	3	0	0	STDBY
19	8.66	—	—	8.54	—	—	8.06	—	—	5	5	5	55.6	0	8	1	0	0	STDBY	B.A
20	8.33	—	—	8.42	—	—	8.34	—	—		7	6	6	59.9	0	4	3	0	0	STDBY
21	8.62	—	—	8.61	—	—	8.56	—	—	5	5	4	61.2	0	4	4	0	0	STDBY	B.A
22	8.46	—	—	7.88	—	—	8.58	—	—		6	4	4	62.0	0	3	3	0	0	STDBY
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