

Steam Boiler					
Test	Soft Water	Feed	LP Condensate	Boiler #1	Marlo Softener
Conductivity (as mmhos)	260	220	15	3235	260
Limits	50 min	500 max	50 max	5000 max	50 min
Conductivity, neutralized (as mmhos)				2180	
Limits				3500 max	
Hardness, total (ppm as CaCO ₃)	0	0	0		68
Limits	1 max	1 max	1 max		1 max
Alkalinity, P (ppm as CaCO ₃)				396	
Limits				300 - 800	
Chloride	20	18		140	
Limits	50 max	50 max		300 max	
pH		9.4	9.2		
Limits		8 min	8 - 9		
Phosphate (ppm as PO ₄)				20	
Limits				20 - 60	
Sulfite (ppm as SO ₃)				28	
Limits				30 - 60	

Soft Water

Online 

Readings are within spec.

Feed

Online 

Readings are good. There is about 15% condensate being returned to the feedwater tank.

LP Condensate

Online 

Condensate quality is excellent.

Boiler #1


Online 

Boiler conductivity and alkalinity are a little low, but ok. Phosphate is within control range. Sulfite is a little low. Please monitor and adjust feed if necessary.

Marlo Softener

Online 

The left tank has been valved off and there is hardness in the right tank. Please let me know if I can help with any problems here!

 Hardness, total (ppm as CaCO₃)
High hardness in the softener effluent.

Closing Comments

Thank you.