

Client	TMK IPSCO	Survey Date	10-17-19
Location	Blytheville, AR	Report Date	10-21-19
Machine	Heat Treat North Quench Pump	QMS No.	140915
Component	Pump	Analyst	DWS

Defect Rating for this machine	Class II			
Defect Rating System				
<u>Class I:</u> Defect is present, but effect on reliability is not clear; no immediate action is required. Continue normal monitoring.	<u>Class III:</u> Defect (s) present that may cause failure in short term (less than 2 mos.). Should be addressed as soon as practical, with a high maintenance priority. Increase monitoring frequency.			
<u>Class II:</u> Defect (s) present that may cause problem in long term (2-6 mos.). Repair during normal maintenance scheduling. Continue to monitor.	<u>Class IV:</u> Defect (s) present that makes continued reliability unpredictable, and possibility of secondary damage is high. <i>Repairs should be made</i> ASAP. An unscheduled shutdown should be considered for repairs.			





Client	TMK IPSCO	Survey Date	10-17-19
Location	Blytheville, AR	Report Date	10-21-19
Machine	Heat Treat #2 Hydro Hydraulic Pump (large South Unit)	QMS No.	140915
Component	Pump	Analyst	DWS

Defect Rating for this machine	Class II			
Defect Rating System				
<u>Class I:</u> Defect is present, but effect on reliability is not clear; no immediate action is required. Continue normal monitoring.	<u>Class III:</u> Defect (s) present that may cause failure in short term (less than 2 mos.). Should be addressed as soon as practical, with a high maintenance priority. Increase monitoring frequency.			
<u>Class II:</u> Defect (s) present that may cause problem in long term (2-6 mos.). Repair during normal maintenance scheduling. Continue to monitor.	<u>Class IV:</u> Defect (s) present that makes continued reliability unpredictable, and possibility of secondary damage is high. <i>Repairs should be made</i> ASAP. An unscheduled shutdown should be considered for repairs.			

