

Client	TMK IPSCO	Survey Date	7-20-19
Location	Blytheville, AR	Report Date	8-27-19
Machine	Heat Treat South Quench Pump	QMS No.	140445
Component	Pump	Analyst	DWS

Defect Rating for this machine		
Defect Rating System		
Class I: Defect is present, but effect on reliability is not clear; no immediate action is required. Continue normal monitoring.	Class III: 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.	
Class II: Defect (s) present that may cause problem in long term (2-6 mos.). Repair during normal maintenance scheduling. Continue to monitor.	Class IV: Defect (s) present that makes continued reliability unpredictable, and possibility of secondary damage is high. Repairs should be made ASAP. An unscheduled shutdown should be considered for repairs.	

