Kelco F60 Check Sheet Start It is important to understand that if there is insufficient flow to trigger the paddle, the pressure must rise Fault displayed: above the cut in setting before the paddle timer expires. This applies to both the start up and run on **Record fault message** Motor size: timers as the switch could be using either depending on flow conditions at the time. If the cut in pressure Pump motor size is not achieved before the timers expire the switch will see this as a run dry fault, even if the pump has No. of phases not actually run dry. Type of pump Pump Type: Loss of pump performance can cause the switch to prematurely turn off the pump because the flow at any given pressure will be less. The switch responds to the lower flow and turns the pump off early. Start pump, open outlet. vary flow and pressure YES Does the switch NO register pressure? **↓** YES Remove switch and Does the flow **Check and adjust** Fit paddle and base to base from pipe. Does Does flow light paddle sensitivity and light turn from switch and manually NO YES NO **Contact Kelco for** the paddle move freely turn green when retest. If still not red to green test with power on assistance in base and pipe in flow position? with high flow? working... switch fitting? | YES YES Does the Check electrical Still can't determine the Refit to pipe and test. pump stop equipment/contactor Does the flow light turn fault. Contact Kelco for and start and overloads. Test green with flow? assistance normally? output from Relay 1 NO YES Paddle has been trimmed too Record flow rate that short. Replace paddle and activates the paddle trim longer. Consult the (green light flow) paddle trimming calculatorL/min on the Kelco website Check auxiliary equipment The switch is Still have a and external influences. functioning fault? Simulate fault. correctly **Check switch settings**

F60 Record your settings here

Display	Selection	Settings
Units		
Pre-start delay timer		
Mode 1 2 3 4 5		
Select a Mode 1 2 3 4 or 5		
Use remote input		
Mode 1 2 3 4 5		
Use alarm relay		
Mode 1 2 3 4		
Start-up timer		
Mode 1 2 3 4 5		
Run-on timer Mode 1 2 3 4 5		
Pressure timer Mode 4		
Delayed restart Mode 1 2 3 5		
Burst pipe detector		
Mode 1 2 3		
Cyclic running 1 2 4		
Anti-cycling Mode 1 2 3		
Low pressure trip point		
Mode 2 3 5		
Low pressure trip Mode 4		
High pressure trip Mode 5		
Start pressure Mode 2 3		
Stop pressure Mode 3		
High pressure run-on		
Mode 3		
Alternate the pumps Mode 5		
Start pressure Pump 1		
Mode 5		
Stop pressure Pump 1		
Mode 5		
Start pressure Pump 2		
Mode 5		
Stop pressure Pump 2		
Mode 5		
Turn on flow detection		
Auto start if run dry		
Mode 2 3 4		
Leak detector Mode 3		