| **Test Name** | Pump Overload alarm - pump running |
| --- | --- |
| **Use Case Tested:** | Pump controller reports sensor status change/ Pump controller will not start pump if any input alarm line is asserted |
| **Test Description:** | This test determines whether the dashboard correctly reports and responds to alarms being raised |
| **Pre-conditions** | * Pump Running; * Pump Overload off; |
| **Post-conditions** | * Pump Overload LED: On * Pump Running LED: Off * Pump Overload Alarm Recorded |
| **Notes:** |  |

|  | **TEST STEP** | **EXPECTED TEST RESULTS** |
| --- | --- | --- |
|  | Use the Sim to send the Pump Overload = 1 and pump running = 0 | * Sim sends status message. * Pump Overload Alarm appears on dash * Pump Overload LED lights up * Pump Running LED turns off * On/Off switch toggles to Off |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Data Table** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** |
| Custom Timer | 15 |  |  |  |  |

**Results**

10/09/2020

**SUCCESS!**

