

Revision #: 2

9/9/15 Owner: Tom Klaben

Reviewed

| Customer Rqmt. # | Importance | Description | Comments/Status |
|------------------|------------|--|---|
| CR1 | 9.0 | Demo and Recommend 3-4 Strain Gauges Selected To meet stated Requirements | Agree(Customer) |
| CR2 | 9.0 | Demo and Recommend 2-3 Telemetry Systems Evaluated Best picked to Meet Customer Needs | Agree(Customer) |
| CR3 | 9.0 | Wireless Data Transmission From Telemetry System(Air to Air Transmission in manufacturing environment and eliminate costly and inflexible slip ring design) | Agree(Customer) |
| CR4 | 9.0 | Calibration Procedure for Gauges To confirm strain accuracy prior to testing | Agree(Customer) |
| CR5 | 9.0 | System User Manual and Procedure for SPX Technicians | Agree(Customer) |
| CR6 | 1.0 | Universal to Many Sized Blades Used by SPX | Revised Importance Changed to one Rev 2 |
| CR7 | 1.0 | Installation Guide to Set Up on many blades Used by SPX | Revised Importance Changed to one Rev 2 |
| CR8 | 9.0 | Demonstrate Life Cycle of Test Rig Sensors(months) and System Battery Life(12 Hour testing day) | Revised for Clarity |
| CR9 | 3.0 | Live Data Interface Display for Process Monitoring by Customer | Agree(Customer) |
| CR10 | 9.0 | Exportable Data to MATLAB for processing | Agree(Customer) |
| CR11 | 3.0 | Minimal Effect on Local Flow from Sensors and Wires | Revised for Clarity |
| CR12 | 9.0 | Collect Data from 4 Strain Gauges Simultaneously | Agree(Customer) |
| CR13 | 3.0 | Small Scalable Prototype Tank With Data System By Imagine RIT | Agree(Customer) |
| CR14 | 3.0 | New Data Acquisition System Data Can Sync With Current Torque, RPM and Load cell data collection system | Agree(Customer) |
| CR15 | 1.0 | Minimal Cost of Data Acquisition System and Prototype | Agree(Customer) |
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All

Cust. Rqmt. #: enables cross-referencing (traceability) with engineering requirements
Importance: Scale (9=must have, 3=nice to have, 1=preference only)
Comment/Status: allows tracking of questions, proposed changes, etc.; indicate if you are meeting the requirement ("met") or not ("not met")