|  |  |  |
| --- | --- | --- |
| SPARK FINAL CHECKLIST | Sales Order |       |
|  | Cal Date |       |
|  | Test Station |       |

**Instrument Data, Record the Following Information**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model |       | Serial Number |       | Firmware |       |

**Power Consumption with Unit Powered On**

Vbatt = 3.0V Vbatt = 1.5V

706RC       mA (≤ 23mA) 705+ while powered w/o IR       mA (≤ 48mA)

703+       mA (≤ 20mA) 705+ during Blaze calibration       mA (≤ 61mA)

**Power Consumption with Unit in Off / Standby Mode**

706RC       mA (≤ 0.4mA) 703+       mA (≤ 0.6mA) 705+       mA (≤ 1.5mA)

#### Real Time Clock & Cal Offsets, Input = 1.0 Vrms @ 1000 Hz (approx. 130.0 dB SPL)

RTC OK? [x]

C Weighted RMS
C Weighted Peak

A Weighted RMS       (dB SPL, 130.0 ± 0.1)
Un-Weighted Peak       (dB SPL, 133.0 ± 0.2)

**703+, 705+ LEDs 706RC LCD Display and Keypad**

GREEN OK? [ ]  RED OK? [ ]  Display and Backlight OK? [ ]  Keypad OK? [ ]

**Final Inspection Checklist - Indicate (√) that each item is correct for shipment**

Case Screws [ ]

Model Number [ ]

Serial Number [ ]

Battery Door [ ]

Calibration Certificate [ ]

Battery Polarity Stickers [ ]

Calibration Seal [ ]

Trim battery connection [ ]

Fingernail polish on
internal screws of 705+ [ ]

Hartford Firmware and
Settings (see D0001.8072) [ ]

ATEX Batch code:

|  |  |  |
| --- | --- | --- |
| A705.21 | A706.11 | A705.22 |
|       |       |       |

ATEX critical safety parts
verified (ATEX units only) [ ]

**Preamp Assembly**

Mic/Preamp (record model#) [ ]  MPR001 [ ]  MPR002

Mic/Preamp (record SN#) B      B

 A      A

Mic Cap and Lemo Connector are tightened [ ]

*(cap and connector cannot be removed with bare hands)*

Mic capsule is properly aligned [ ]

*(capsule is centered and is pushed
 all the way forward in mic holder)*

**Microphone Calibration,**

**Calibrated at 114.0 dB SPL @ 250 Hz**

Calibration Offset       dB (6.0 to 14.0)

A Weighted RMS       dBμV (105.4 ± 0.3 dB)

Verify Peak Detector [ ]

All Data/Files Reset? [ ]

I706.07 accessories warning note if

 using Korrvu packaging. [ ]

**ACOUSTIC AND SYSTEM TEST**

**Logistics**

[ ] System assembled and acoustic test performed (re-calibrate only if necessary) – Applies only to 706RC

[ ] Certificate of Calibration and Conformance printed and signed

[ ] Information entered into the database Entered by (initials):       Date:

**Quality Inspection**

[ ]  Check certification date and/or manufacture date against unit & paperwork

[ ]  Verify Calibration sticker and void sticker placed on unit (or fingernail polish on 705+ internal screws)

|  |  |
| --- | --- |
|  **TECHNICIAN:**  | **DATE:** |
|  **LOGISTICS:** | **DATE:** |
|  **QUALITY ASSURANCE:** | **DATE:** |