



Instrument
Markets

UV Measurement and Process Control Instruments

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Subject: Battery Cells used in EIT Spot Cure Radiometers (SP1-365, SP1-365 ER) and private label versions of the EIT SpotCure

The battery cells used in the EIT SpotCure radiometer are manufactured for EIT LLC by Progressive Technologies.

Battery Summary

Battery Manufacturer:	PROGRESSIVE TECHNOLOGIES INC
Description of Battery:	BAT LITHIUM CELL CON 82680 (SGL)
Part # of battery:	00PWB31, LS-1/2AALIT-3, 277113.001 (EIT part number), PTO0856
UN 38.3 testing status:	See attached report for Altitude, Thermal, Vibration, Shock, External Short Circuit
UN 38.3 testing verification source:	SGS North America
Number of cells in battery:	3
Battery watt hours:	8.55
Lithium metal content:	Lithium manganese dioxide battery pack
Total battery weight:	See report: Average is 31.5 grams.

The cells have been tested as outline below and on the attached third-party test reports provided by SGS North America. The cells were tested for:

- Test 1: Altitude Simulation
- Test 2: Thermal Test
- Test 3: Vibration
- Test 4: Shock
- Test 5: External Short Circuit

The battery cells passed all tests and comply with UN Manual of Tests and Criteria, Sixth Edition, Part III, sub-section 38.3. Please see attached reports.

Based on the completed testing, there are no commercial shipping restrictions on shipping the battery cells when enclosed in the solid Spot Cure instrument housing.

Opening the Spot Cure instrument to remove the battery by anyone other than EIT or an EIT Authorized Service Center can damage the instrument. Opening any EIT Instrument voids the EIT warranty and current calibration.

Please contact EIT if there are questions