

**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING  
IEC 62620:2014, Edition 1.0**

**Secondary cells and batteries containing alkaline or other non-acid electrolytes –  
Secondary lithium cells and batteries for use in industrial applications**

**PROVISIONAL**

“R” Required  
 “S” May be subcontracted, see OD 2012  
 “SPTL” Specialized Facility, see IECEE 02-2  
 “W” Witness testing in the categories “MED” and “MEAS”  
 “3PPS” Three Phase Power Supply required

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
6.1	Electrical tests (General)	Electric load.	R
		DC power supply.	R
		Temperature recorder.	R
6.2	Type test conditions	Temperature recorder.	R
6.3.1	Discharge performance at +25 °C	Multimeter.	R
		Electric load.	R
		Timer.	R
		Temperature recorder.	R
6.3.2	Discharge performance at low temperature	Multimeter.	R
		Oven.	R
		Electric load.	R
		Timer.	R

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
6.3.3	High rate permissible current	Multimeter.	R
		Oven.	R
		Electric load.	R
		Timer.	R
		Temperature recorder.	R
6.4	Charge (capacity) retention and recovery	Multimeter.	R
		Oven.	R
		Electric load.	R
		Timer.	R
		Temperature recorder.	R
6.5.2	Internal a.c. resistance	Internal resistance meter.	R
6.5.3	Internal d.c. resistance	Electric load.	R
		Timer.	R
		Multimeter.	R
6.6.1	Endurance in cycle	Multimeter.	R
		Oven.	R
		Electric load.	R
		DC power supply.	R
		Timer.	R
		Temperature recorder.	R
6.6.2	Endurance in storage at constant voltage (permanent charge life)	Multimeter.	R
		Oven.	R
		Electric load.	R
		Timer.	R
		Temperature recorder.	R