



TRANSPORTATION CERTIFICATE

Ref. TC - LS 14500 01/2011 - 11

This is to certify that the Saft cell type, **LS 14500**, has been subjected and has met the requirements of the UN Recommendations on the transport of dangerous goods, Part III, sub-section 38.3, Manual of Tests and Criteria, 4th Revised edition - 2003 - Ref. ST/SG/AC.10/11/Rev. 4, as detailed in Saft-Poitiers internal reports P0087/01, dated 03/2001, relative to the ability of the LS 14500 cell to pass the T6 Impact test, and P0136/02, dated 06/2002, relative to the other tests.

The test results listed above are also compliant with the Manual of Tests and Criteria, 5th Revised edition - 2009 - Ref. ST/SG/AC.10/11/Rev. 5.

Concerned Part Numbers

All the following LS 14500 cell versions that just vary by their termination mode and labeling.

Product Description

Primary (non-rechargeable), Lithium-Thionyl Chloride (Li-SOCl₂) AA-sized single cell

Nominal Voltage	3.6 Volts
Nominal Capacity	2.6 Ah
Lithium metal content	0.7 gram

Product Classification

Worldwide, besides the United States of America

Since it passes the UN-defined transport tests, and thanks to its lithium content below the 1 gram limit, the **LS 14500 cell in all its finish versions**, according to the current applicable UN Recommendations Ref.ST/SG/AC.10/1 on the transport of dangerous goods - Model Regulations, is **declared non-restricted to transport / non-assigned to Class 9**. For transportation, the cells must be packed in accordance with Clause 188 of the above mentioned UN Model Regulations.

Within the United States of America

The U.S. DOT CFR 49 Regulations, Parts 171, 172, 173 and 175, are governing the transportation of lithium cells and batteries. Special Provision 188 (in Part 172.102) **defines the LS 14500 cell and its finishing versions as belonging to the "small lithium cells and batteries" category**, and details the requirements to be met for the different transportation conditions. (Note: Primary lithium batteries are forbidden for transport aboard passenger aircraft within the USA).

Signed on Behalf of Saft, Specialty Battery Group

Pascal Foucoin Lithium Quality Manager

Dated
15/03/2011

Nicolas Paquin SBG Lithium Product Manager

Dated
15/03/01