



## TRANSPORTATION CERTIFICATE

Ref. TC-LSH 14 08/2007- 3

This is to certify that the Saft cell type, LSH 14, has been subjected and has met the requirements of:

- UN Recommendations on the transport of dangerous goods, Model Regulations 12<sup>th</sup> Revised edition - 2001 - Ref. ST/SG/AC.10/1/Rev. 12, (which has now been replaced, without any change regarding Lithium batteries, by the 13<sup>th</sup> Revised edition - 2003 - Ref. ST/SG/AC.10/1/Rev. 13),
- UN Recommendations on the transport of dangerous goods, Manual of Tests and Criteria 3<sup>rd</sup> Revised edition - 1999 - Ref. ST/SG/AC.10/11/Rev. 3, amended per Addendum 2, Annex 4 – Ref. ST/SG/AC.10/27/Add.2 (which has now been replaced, without any change regarding Lithium batteries, by the 4<sup>th</sup> Revised edition - 2003 - Ref. ST/SG/AC.10/11/Rev. 4),

as detailed in Saft-Poitiers internal reports P 0087/01, dated 03/2001, relative to the ability of the LSH 14 cell to pass the T6 impact test, and P 0188/01, dated 06/2001, relative to the other tests.

### Concerned Part Numbers

All the following LSH 14 individual cell versions that just vary by their termination mode and labeling: 03680K, 03681L, 03828H, 03983N, 04035X, 04157A, 04222U, 04245U, 04281F, 04489P, 04609P, 04802L, 04852M, 05035M, 05055H, 05461F.

### Product Description

Primary (non-rechargeable), Lithium-Thionyl Chloride (Li-SOCl<sub>2</sub>) C-sized single cell

Nominal Voltage	3.6 Volts
Nominal Capacity	5.7 Ah
Lithium metal content	1.81 gram
Nominal energy	5.7 x 3.6 = 20.5 Wh
Maximum recommended continuous discharge current	1.3 A

### Product Classification

Since it passes the UN-defined transport tests but because its lithium content is above the 1 gram limit, **the LSH 14 individual cell in all of its finish versions, is declared non-exempt from the Dangerous Goods Regulations. It is restricted to transport/ assigned to Class 9**, and must be packed in accordance with the relevant packing instructions of the applicable Handbooks and Codes issued by the bodies (IATA-ICAO, IMO, ADR, US-DOT, etc.) in charge of regulating the transportation of dangerous goods.

### Signed on Behalf of Saft, Specialty Battery Group

Pascal Hans SBG Quality Manager

dated 24/08/2007

Alain Kerouanton SBG Lithium Product Manager

dated 24/08/2007