



## TRANSPORTATION CERTIFICATE

Ref. TC-LS 33600 11/2008- 87

This is to certify that the Saft cell type, **LS 33600**, 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, 4<sup>th</sup> Revised edition - 2003 - Ref. ST/SG/AC.10/11/Rev. 4), as detailed in Saft-Poitiers internal reports P 0256/03, dated 06/2003.

### Concerned Part Numbers

All the part numbers relative to single LS 33600 cells, whatever their finish mode (with and without end-tabs or wiring and connector assemblies, etc.)

### Product Description

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

Nominal Voltage	3.6 Volts
Nominal Capacity	17.0 Ah
Lithium metal content	4.5 grams
Nominal energy	17.0 x 3.6 = 61.2 Wh
Maximum recommended continuous discharge current	250 mA

### Product Classification

#### Worldwide, besides the United States of America

Since it passes the UN-defined transport tests but because its lithium content is above the 1 gram limit, the **LS 33600 individual cell, in all of its finish versions, according to the current UN Recommendations on the Transport of Dangerous Goods - Model regulations, 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.**

#### 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 33600 single lithium metal cell, in all of its finished versions, as belonging to the "medium primary lithium cell" category, and details the requirements to be met for the different transportation conditions.**

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

Pascal Hans                      SBG Quality Manager

dated 23/11/08

Alain Kerouanton                SBG Lithium Product Manager

dated 23/11/2008