# TRANSPORTATION CERTIFICATE

**Ref. TC-LS 17500 12/2008- 11**

This is to certify that the Saft cell type, **LS 17500,** 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 P0107-01, dated 02/2001, relative to the ability to pass the T6 Impact test, and P0356-01, dated 06/2001, relative to the other tests.

## Concerned Part Numbers

All the part numbers relative to single LS 17500 cells, whatever their finish mode (with and without end-tabs or wiring and connector assemblies, etc.).

## Product Description

Primary (non-rechargeable), Lithium-Thionyl Chloride ($Li\text{-}SOCl_2$) A-sized single cell

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|---|---|
| Nominal Voltage | 3.6 Volts |
| Nominal Capacity | 3.6 Ah |
| Lithium metal content | 0.96 gram |
| Nominal energy | 3.6 x 3.6 = 13.0 Wh |
| Maximum recommended continuous discharge current | 130 mA |

## 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 17500 cell in all its finished versions,** according to the current UN Recommendations on the Transport of Dangerous Goods - Model regulations, **is declared exempt from the Dangerous Goods regulations**. **It is non-restricted to transport/non-assigned to Class 9**, providing packed in accordance with Clause 188 of the above mentioned UN Recommendations on the Transport of Dangerous Goods, 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 17500 single lithium metal cell, in all of its finished versions, as belonging to the *"small primary lithium cell"* category,** and details the requirements to be met for the different transportation conditions.

## Signed on Behalf of Saft, Specialty Battery Group

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| Pascal Hans | SBG Quality Manager | | dated 16/12/2008 |
| Alain Kerouanton | SBG Lithium Product Manager | | dated 16/12/2008 |