



TRANSPORTATION CERTIFICATE

Ref. TC-LS 33600C 01/2008- 4

This is to certify that the Saft cell type, **LS 33600C**, that just differs from the standard LS 33600 cell type by less than 20% in anode and cathode mass, can be assimilated, without any additional specific testing, to the standard LS 33600 cell that has been subjected and has met the requirements of :

- UN Recommendations on the transport of dangerous goods, Model Regulations 12th Revised edition - 2001 - Ref. ST/SG/AC.10/1/Rev. 12, *(which has now been replaced, without any change regarding Lithium batteries, by the 15th Revised edition - 2006 - Ref. ST/SG/AC.10/1/Rev. 15),*
- UN Recommendations on the transport of dangerous goods, Manual of Tests and Criteria 3rd 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 4th Revised edition - 2003 - Ref. ST/SG/AC.10/11/Rev. 4),*

as detailed in Saft-Poitiers internal report P 0256/03, dated 06/2003.

Concerned Part Numbers

All the following LS 33600C individual cell versions that just vary by their termination mode and labeling: 04522Z, 04647D, 04648E, 04649F, 04650G, 04711S, 04713U, 05016S, 05536J, 05542Q.

Product Description

Individual primary (non-rechargeable), Lithium-Thionyl Chloride (Li-SOCl₂) D-sized single cell, without protection devices

Nominal Voltage	3.6 Volts
Nominal Capacity	18.5 Ah
Lithium metal content	4.9 grams
Nominal energy	18.5 x 3.6 = 66.6 Wh
Maximum recommended continuous discharge current	80 mA

Product Classification

By similarity with the already tested LS 33600 cell and since its lithium content is also above the 1 gram limit, **the LS 33600C 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 15/01/2008
Alain Kerouanton	SBG Lithium Product Manager		dated 15/01/2008