



TRANSPORTATION CERTIFICATE

Ref. TC-LSH 20 HTS 01/2006-2

This is to certify that the Saft cell type, **LSH 20HTS** just differs from the standard LSH 20 cell type by a specific external "High Temperature" sleeving and less than 20 % in electrolyte mass. In that respect, it can be assimilated to the standard LSH 20 cell that has been subject and has met the requirements of:

- UN Recommendations on the transport of dangerous goods, Model Regulations 13th Revised edition - 2003 - Ref. ST/SG/AC.10/1/Rev. 13
- UN Recommendations on the transport of dangerous goods, Manual of Tests and Criteria 4th 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 20 standard cell to pass the T6 Impact test, and P 0189/01, dated 06/2001, relative to the other tests. The results obtained with the LSH 20 cell are applicable to the LSH 20HTS cell version.

Concerned Part Number 05214Y

Product Description




Primary (non-rechargeable), Lithium-Thionyl Chloride (Li-SOCl₂) single D-sized cell with protection fuse

Nominal Voltage	3.6 Volts
Nominal Capacity	13.0 Ah
Lithium metal content per cell	3.78 grams
Maximum recommended continuous discharge current	1000 mA (at 70°C)

Product Classification

Since it passes the UN-defined transport tests and because its lithium content is above the 1 gram limit, the **LSH 20HTS cell P/N 05214Y 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 Packing Instruction 903 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

Eric Nadeau	SBG Product Test Engineer		dated 3/02/06.
Gilles Tardivo	SBG Quality Manager		dated 3 Février 2006
Alain Kerouanton	SBG Lithium Product Manager		dated 3/10/2006