



## SERVICE INFORMATION LETTER

SIL0721

### Battery 505CH2, CMM 24-38-55 correction

#### 1. Subject

This service information letter is a notification from Saft concerning a correction of the end of charge voltage criteria mentioned in the applicable CMM 24-38-55 of the Saft battery 505CH2.

#### 2. Applicability

Publication affected: CMM 24-38-55 revision 5 released on October 12, 2017 and previous revisions.

#### 3. Descriptions

Correction to be applied in the following page and sections of the CMM 24-38-55:

SUBTASK 24-38-55-820-003-A01 page 1009

##### (3) Constant-current charge (Battery fully discharged)

Correction to be applied in the chart (cf. extract below), column "Minimum voltage":

Main charge			Final charge (overcharge)	
Current and duration		Minimum voltage	Current and duration	Minimum voltage
5 A (0.1 C <sub>1</sub> A)	Time mini 10 h maxi 12 h	1.5 V / per cell	5 A (0.1 C <sub>1</sub> A) for a 4 h	<del>1.50</del> V / per cell
25 A (0.5 C <sub>1</sub> A)	Time mini 2 h maxi 2 h 30 min.	1.55 V / per cell	5 A (0.5 C <sub>1</sub> A) for a 4 h	<del>1.50</del> V / per cell
50 A (1 C <sub>1</sub> A)	Time mini 1h maxi 1h 15 min.	1.57 V / per cell	5 A (1 C <sub>1</sub> A) for a 4 h	<del>1.50</del> V / per cell

- Replace "1.50 V / per cell" with "1.55 V / per cell".

At the end of the final charge (overcharge), the minimum voltage is 1.55 V / per cell.

This correction will be applied in the next CMM 24-38-55 revisions.