

Test Report

No. ED131130005C

STARLIGHT POWER TECHNOLOGY CO., LTD
RM.1004, UNIT 2, BUILDING 18, CHENGSHIFENGJING, NANCHENG, DONGGUAN, GUANGDONG, CHINA

(The Submitted Sample Said To Be)

Sample Name : VALVE REGULATED LEAD ACID BATTERY
Style/Item No. : 6FM260
Reference Number : 2FM2/2FM3/2FM3.5/2FM4.5/2FM4/3FM1.2/3FM1.3/3FM2.8/3FM3.2/3FM3.5/
3FM4/3FM4.2/3FM4.5/3FM5/3FM6/3FM7/3FM8/3FM9/3FM10/3FM12/3FM14/
3FM100/3FM150/3FM180/3FM200/3FM220/3FM225/3FM310/3FM335/4FM170/
4FM180/4FM200/6FM0.8/6FM1.2/6FM2.2/6FM2.3/6FM2.6/6FM3.3/6FM4//6FM4.5/
6FM5/6FM6/6FM7/6FM7.2/6FM7.5/6FM8/6FM9/6FM10/6FM12/6FM14/6FM15/
6FM17/6FM18/6FM20/6FM22/6FM24/6FM26/6FM28/6FM30/6FM33/6FM35/
6FM38/6FM40/6FM45/6FM50/6FM55/6FM60/6FM65/6FM70/6FM75/6FM80/
6FM90/6FM100/6FM110/6FM120/6FM135/6FM150/6FM160/6FM170/6FM180/
6FM200/6FM230/6FM250/6FM260/FM50/FM100/FM150/FM200/FM250/FM300/
FM350/FM400/FM500/FM600/FM800/FM1000/FM1200/FM1500/FM2000/FM3000
Destination : Europe
Sample Received Date : November 30, 2013
Testing Completed Date : January 08, 2014
Test Requested : As requested by client, according to the Directive 2006/66/EC, to determine the Cadmium,
Mercury & Lead Content in the submitted sample.
Test Results : Please refer to next page (s).

Executive Summary:

STANDARD


CONCLUSION

Directive 2006/66/EC – Heavy Metals in batteries and accumulators

PASS

Signed for and on behalf of
Dong Guan EMTEK Co., Ltd.




Manager
January 08, 2014

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Test Results:

Test Method: To refer to Battery Industry Standard Analytical Method "For the Determination of Mercury, Cadmium and Lead in Alkaline Manganese Cells", the analysis was performed by AAS / ICP-OES.

1.1 Calculate the Cadmium, Mercury in the whole battery:

Analyte	Result (%)	Detection Limit (%)	Law Limit (%)
Total Cadmium(Cd)	ND	0.0001	0.0020
Total Mercury(Hg)	ND	0.0001	0.0005

1.2 Calculate the Lead in the whole battery:

Analyte	Result (%)	Detection Limit (%)	Limit (%)
Total Lead(Pb)	57.9924*	0.0001	#

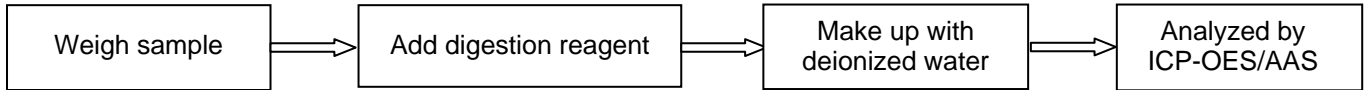
- Note:
1. "%" denotes percentage by weight.
 2. ND = Not Detected (Less than detection limit)
 3. "#" denotes according to 2006/66/EC, batteries, accumulators and button cells containing more than 0.004% Lead shall be marked with the chemical symbol.
 4. "*" denotes that the chemical symbol of Pb was printed beneath the symbol, complied with the requirement of directive 2011/66/EC

Photo Appendix



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TEST FLOWCHART



Note:

- 1) All batteries, accumulators, and battery packs should be appropriately marked with below symbol – the crossed-out wheeled bin visibly, legibly and indelibly.



- 2) Batteries, accumulators and button cells containing more than 0.0005 % mercury, more than 0.002 % cadmium or more than 0.004 % lead, shall be marked with the chemical symbol for the metal concerned: Hg, Cd or Pb. The symbol indicating the heavy metal content shall be printed beneath the symbol (see above) and shall cover an area of at least one-quarter the size of that symbol.

* * * * * The End * * * * *