

Test Report

No.: TSNEC25004707701

Date: Jan 06, 2026

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Client Name: Henan Troily New Energy Technology Co.,Ltd.

Client Address: Industrial Cluster of Yudong, Xinxiang 453000 Henan, China

Sample Name: Ni-MH Battery

Client Ref. Information: AA50, AA80, AA100, AA150, AA200, AA250, AA300, AA330, AA350, AA400, AA450, AA500, AA550, AA600, AA650, AA700, AA750, AA800, AA850, AA900, AA950, AA1000, AA1100, AA1200, AA1300, AA1400, AA1500, AA1600, AA1700, AA1800, AA1900, AA2000, AA2100, AA2200, AA2300, AA2400, AA2500, AA2600, AA2700, AA2800, AA2900, AA3000, AA3100 etc
AAA80, AAA100, AAA150, AAA200, AAA250, AAA300, AAA330, AAA350, AAA400, AAA450, AAA500, AAA550, AAA600, AAA650, AAA700, AAA750, AAA800, AAA900, AAA1000, AAA1100, AAA1200, AAA1300, AAA1400, AAA1500.etc
1/4AAA50, 1/4AAA60, 1/4AAA80 ect
1/3AAA50, 1/3AAA60, 1/3AAA70, 1/3AAA80, 1/3AAA85, 1/3AAA90, 1/3AAA100, 1/3AAA110, 1/3AAA120, 1/3AAA150, 1/3AAA160, 1/3AAA180, etc
2/3AAA80, 2/3AAA100, 2/3AAA130, 2/3AAA120, 2/3AAA150, 2/3AAA180, 2/3AAA200, 2/3AAA250, 2/3AAA300, 2/3AAA350, 2/3AAA400, 2/3AAA500, 2/3AAA600, etc
2/3AA80, 2/3AA100, 2/3AA120, 2/3AA150, 2/3AA180, 2/3AA200, 2/3AA250, 2/3AA300, 2/3AA350, 2/3AA400, 2/3AA450, 2/3AA500, 2/3AA550, 2/3AA600, 2/3AA700, 2/3AA800, 2/3AA900, 2/3AA1000, etc
1/3AA50, 1/3AA60, 1/3AA80, 1/3AA100, 1/3AA120, 1/3AA150, 1/3AA180, 1/3AA200, 1/3AA250, 1/3AA300, 1/3AA350 etc
2/3A800, 2/3A1000, 2/3A1100, 2/3A1200, 2/3A1300, 2/3A1500, 2/3A1600, 2/3A1800, 2/3A2000
4/5A1000, 4/5A1200, 4/5A1500, 4/5A1600, 4/5A1800, 4/5A2000, 4/5A2100, 4/5A2200, 4/5A2500
3/5AA100, 3/5AA200, 3/5AA300, 3/5AA400, 3/5AA500, 3/5AA600, 3/5AA700, 3/5AA800, 3/5AA1000, 2/3AA1100
(1.2V, 2.4V, 3.6V, 4.8V, 6.0V, 7.2V, 8.4V, 9.6V, 10.8V, 12V, 13.2V, 14.4V, 15.6V) etc

Sample Type: Portable Batteries (Non-Portable Zinc-air Button Cells)

Manufacturer: Henan Troily New Energy Technology Co.,Ltd.

The above sample(s) and information were provided by the client.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Reabeca Zhou

Reabeca Zhou
Approved Signatory

Scan to see the report



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SGS Job No.: TJP25-007364
 Sample Receiving Date: Dec 19, 2025
 Testing Period: Dec 19, 2025 ~ Dec 26, 2025
 Test Requested: Select test(s) as requested by the client.
 Test Method(s): Please refer to next page(s).
 Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
Annex I of Regulation (EU) 2023/1542– Heavy Metals Content in batteries and waste batteries	Pass

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A	TSN25-0047077-0001	green battery

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated

Annex I of Regulation (EU) 2023/1542– Heavy Metals Content in batteries and waste batteries

Test Method: SGS In House Method, analysis was performed by ICP-OES or AAS or Hg-analyzer.

Test Item(s)	Limit	Unit(s)	MDL	A
Lead(Pb)	0.01	%	0.0010	ND
Cadmium(Cd)	0.002	%	0.0010	ND
Mercury(Hg)	0.0005	%	0.0001	ND
Conclusion				Pass

Notes:

(1) Restriction on substances

Column 1 Designation of the substance or group of substances	Column 2 Conditions of restriction
1. Mercury CAS No 7439-97-6 EC No 231-106-7 and its compounds	Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,0005 % of mercury (expressed as mercury metal) by weight
2. Cadmium CAS No 7440-43-9 EC No 231-152-8 and its compounds	Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,002 % of cadmium (expressed as cadmium metal) by weight



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3. Lead CAS No 7439-92-1 EC No 231-100-4 and its compounds	1. From 18 August 2024, portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight. 2. The restriction set out in point 1 shall not apply to portable zinc-air button cells until 18 August 2028.
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(2) According to the EU New Battery Regulation (EU) 2023/1542, portable batteries (non portable zinc-air button cells) containing between 0,004 %-0.01 % lead, shall be marked with the chemical symbol for the metal concerned: Pb.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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Sample Photo:



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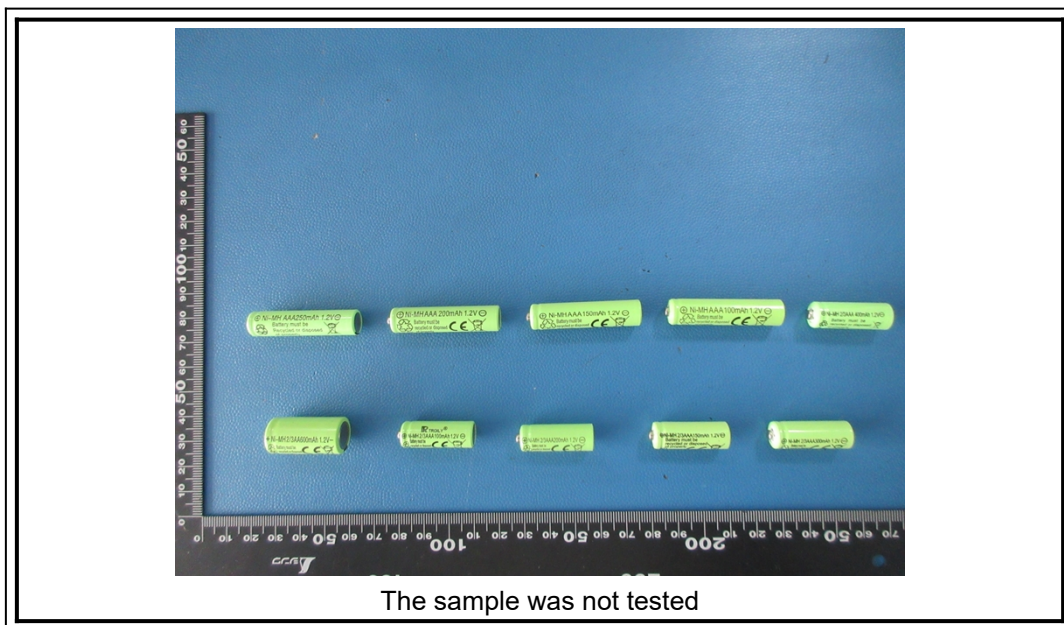
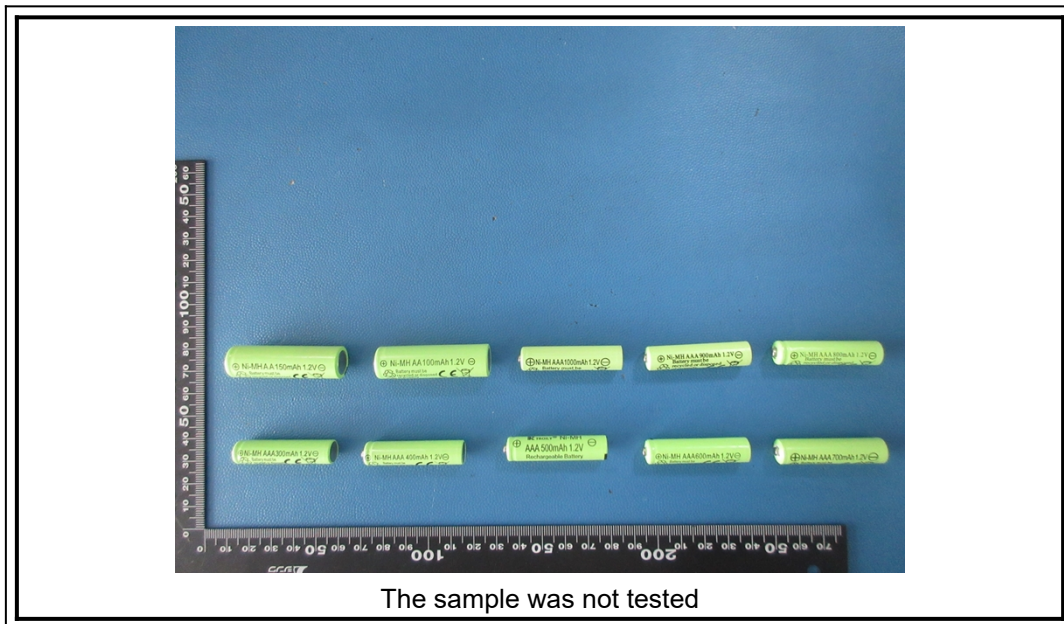
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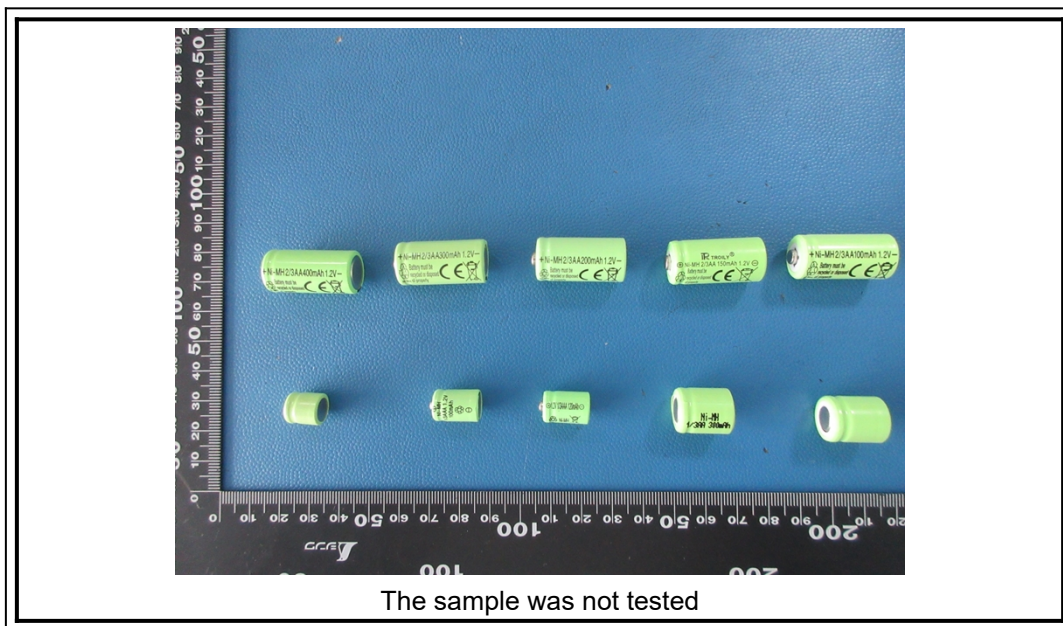


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*** End of Report ***



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