



CONSUMER PRODUCTS SERVICES DIVISION

SHANTOU DAHENG TECHNOLOGY CO., LTD.

Technical Report: (8523)254-0436(Revision)

Report Date: October 13, 2023

Revision Date: October 18, 2023

Date Received: September 11, 2023

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SHANTOU DAHENG TECHNOLOGY CO.,LTD.
NO.10, WEST SECOND ROAD, OLD STATE ROAD, HUAINAN VILLAGE,
LIANXIA TOWN, CHENGHAI DISTRICT, SHANTOU CITY.

Sample Description: Remote control car
Vendor: N/A
Manufacturer: N/A

Sample Size: 2
Style No(s): DH-100, DH-200, DH-300, DH-400, DH-500, DH-600, DH-700, DH-800, DH-900, DH-110, DH-120, DH-130, DH-140, DH-150, DH-160, DH-170, DH-180, DH-190, DH-210, DH-220, DH-230, DH-240, DH-250, DH-260, DH-270, DH-280, DH-290, DH-310, DH-320, DH-330, DH-340, DH-350, DH-360, DH-370, DH-380, DH-390, DH-410, DH-420, DH-430, DH-440, DH-450, DH-460, DH-470, DH-480, DH-490, DH-510, DH-520, DH-530, DH-540, DH-550, DH-560, DH-570, DH-580, DH-590, DH-610, DH-620, DH-630, DH-640, DH-650, DH-660, DH-670, DH-680, DH-690, DH-710, DH-720, DH-730, DH-740, DH-750, DH-760, DH-770, DH-780, DH-790, DH-810, DH-820, DH-830, DH-840, DH-850, DH-860, DH-870, DH-880

Buyer: N/A
Labeled Age Grade: FOR AGES 14 UP
Appropriate Age Grade: NOT REQUESTED
Client Specified Age Grade: 8+
Tested Age Grade: OVER 8 YEARS OF AGE
UPC Code: N/A

SKN/SKU No.: N/A
PO No.: N/A
Ref #: N/A
Country of Origin: CHINA
Assortment No.: N/A
Battery information: 3.7V, 900MAH, Lithium Battery



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EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The battery-operated toys test requirements of ASTM F963-11, "Standard consumer safety specification for toy safety", Section 4.25 (exclude 4.25.10).
- The requirements of ASTM F963-17 "Standard consumer safety specification for toy safety" section 4.25.11 toy that contain secondary cells or secondary batteries

Note: Per client's request, testing was performed on item DH-190.

Note: This report is amendment of and supersedes the previous (8523)254-0436 dated October 13, 2023.

NOTE: If there are questions or concerns regarding above report, please contact the appropriate lab persons.

Technical questions & concerns:

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RESULTS:

TOYS THAT CONTAIN SECONDARY CELLS OR SECONDARY BATTERIES (ASTM F963-17)

| Section | Requirement | Result |
|----------------|---|---------------|
| 4.25.11.1 | Li ion / Li-Po cells comply with the standards | M |
| 4.25.11.2 | Lithium ion or lithium ion polymer batteries shall be compliant with the standards: | M |
| 4.25.11.3 | Li ion / Li-Po Batteries shall be provided with an enclosure that provides protection against damage to the cells and their circuitry during normal use and foreseeable abuse | M |
| 4.25.11.4 | During charging with the provided charging device, no cell shall exceed the cell or battery manufacturer's specified charging voltage, current, and temperature values when tested in accordance with 8.19.1, 8.19.2, and 8.19.3 | M |
| 4.25.11.5 | During charge or discharge with the provided charger and load , the maximum charge or discharge current of any cell shall not exceed the cell manufacturer's specifications during normal operation and stalled motor per 8.17if applicable, when tested in accordance with 8.19.1, 8.19.2, 8.19.3, and 8.19.4. | M |
| 4.25.11.6 | Normal use charging and discharging with 8.19.1, 8.19.2, and 8.19.3, shall not result in surface temperature rises on any battery surfaces or any other accessible surface of the toy exceeding: (1) <25°C if metal, (2) <30°C if ceramic or glass, (3) <35°C if wood or plastic | M |
| 4.25.11.7 | Battery chargers or power adaptors that plug into the electric mains power shall be listed by a Nationally Recognized Test Laboratory (NRTL) to an appropriate electrical safety standard. External connectors to chargers and batteries shall ensure that correct polarity is used during charging. | NA |
| 4.25.11.8 | Circuit wiring connected to lithium ion or lithium ion polymer and NiMH secondary batteries shall be short circuit protected and shall not present the risk of fire when tested in accordance with 8.19.5. (1)<60°C if plastic of accessible battery surface or (2)<50°C if metal, glass or ceramic of battery accessible surface . (3)<71°C inaccessible surfaces of li ion batteries | M |

M = Meet

NA = Not applicable

NM/R = Not Meet-refer to Comment Section

NR = Not requested by the client

(*)RESULTS:



END OF REPORT