## LITHIUM CELLS OR BATTERIES TEST SUMMARY IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

## BATTERY TRANSPORTION INFORMATION

Name of cell, battery or product manufacturer, as

applicable:

Item Number:

HL-EL050RC

Item Name:

**VOLT 80XC** 

Item Description: Headlight

powered by Li-ion battery

Cell, battery or product manufacturer's contact information to include address, phone number, email address and website for more information:

Name: CATEYE Co., Ltd.

Address: 2-8-25, Kuwazu, Higashi-Sumiyoshi-ku,

OSAKA, 546-0041 JAPAN

Phone: +81-6-6719-6001 Website: www.cateye.com

Name of the test laboratory to include address, phone number, email address and website for more

information:

Lab name: Vkan Certification & Testing Co., Ltd. Address: No.3, Tiantaiyi Road, Kaitai Avenue,

Science City, Guangzhou P.R. China

Phone:

+86-20-3229-3888

Email:

Website:

office@cvc.org.cn http://www.cvc.org.cn

Description of cell or battery to include at a minimum: Lithium ion or Lithium metal cell or battery; Mass; Watthour rating, or lithium content; Physical description of the cell/battery; and Model numbers:

cell/battery type:

Rechargeable Li-ion Battery

cell or battery:

cell or battery weight: 9.7g

LC or W/h rating:

1.184Wh

Physical description: model LIR10440

3.7V 320mAh 1.184WH

A unique test report

identification number:

RZUN2017-0580

7 December 2017

List of tests conducted and results (i.e., pass/fail):

Test T1: Altitude simulation

**PASS** Test T2: Thermal test **PASS** 

Test T3: Vibration

**PASS** 

Test T4: Shock

**PASS** 

Test T5: External short circuit PASS

Date of the test report:

Test T6: Impact/Crush Test T7: Overcharge

PASS (Crush) **PASS** 

Test T8: Forced discharge

**PASS** 

Reference to assembled battery testing requirements, if applicable (l.e., 38.3.3;(f) and 38.3.3;(g):

Reference to the revised edition of the Manual of Tests and Criteria used and to amendments

thereto, if any:

Not applicable

ST/SG/AC.10/11/Rev.6 section38.3

PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN – DGP)

UN Classification:

**UN 3481** 

Proper Shipping Name:

LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT (including lithium ion polymer batteries)

Signature with name and title of signatory as an indication of the validity of information provided:

Takashi Sakamoto QA General Manager of CATEYE

Date document was generated:

19 March 2020

This document remains valid as long as no changes, modifications, or additions are made to the model(s) described in this document, after being transported from a CATEYE Co., LTD.

The model(s) has (have) been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification, The model(s) must be packed, labeled, and documented according to country and other international regulations for transportation.