

FREERIDER Technical Conformity Reports

All products:

ISO 13485 2016 EN* ISO 13485 :2016 (Certificate TW15/10308, SGS UK Ltd)
"Design and Manufacturing of Electric Scooters and Wheelchairs". Re-certified March 2021

Luggie Models:

RESNA WC-1 :2009. Section 1 Determination of static stability
RESNA WC-2 :2009. Section 2 Determination of dynamic stability
RESNA WC-2 :2009 Volume 2 Section 3 Determination of Effectiveness of Brakes
RESNA WC-1 :2009 Volume 1 Section 8 Requirements for static, impact and fatigue strengths
RESNA WC-1 & WC-2 Section 4 Electrical consumption and range
Section 5 Dimension, mass and manoeuvring space
Section 6 Maximum speed test
Section 7 Seating measurement
Section 10 Obstacle climbing test
Section 14 Stall test

(RESNA: Rehabilitation Engineering & Assistive Technology Society of North America)

Two Drum Roll test: Standard BS ISO 7176-8:1998
Drop Test Report: DRO-FR168-4IT. BS ISO 7176-8:1998, 5.10 "Drop test"

Independent Test Report, 2015 (Lab: PMC)
Electromagnetic Compatibility: EN* 12184:2009 (ISO 7176-21:2009)

Independent Test Report. All Luggie models:
Standard: EN* 12184:2014. Ref N3E12184-109015-03-186 (37 pages). Date 09/2020
(Testing Laboratory: Precision Machinery Research and Development Centre, Taiwan)

Declaration of Conformity CE: FR.DOC190206-11-FR-L01 (Luggie Std).
Low Voltage Directive 2006/95/EC*
Electromagnetic Directive 2004/108/EC*
Directive 93/42/EEC, including EN*ISO14971:2012
RoHS2 Directive 2011/65/EU

Declaration of Conformity CE: FR.DOC 16031503-Luggie-series (Eco Standard Elite Super).
Low Voltage Directive 2006/95/EC*
Electromagnetic Directive 2004/108/EC*
Directive 93/42/EEC, including EN* ISO14971:2012
RoHS2 Directive 2011/65/EU

IATA - Test reports, Li-ion batteries
SRICI Test Rept PA04-A700-C: 252Wh (10.5 ah)
SRICI Test Rept A700-Cs: 252Wh (10.5 ah)

IATA – Material Safety Data Sheets
MSDS_PA04_A700-C (10.5 ah) 2013
MSDS_PA04_A701-B (8.5 ah) 2016
MSDS 4P7S_SDS PA04-A702-B (10.5 ah) 2019

FDA - Dept Health & Human Services
K151944 - Permission to Market Luggie scooter 2015
K160139 - Permission to Market Luggie Chair 2017

FR510DX:

Declaration of Conformity CE: FR.DOC190206-22-FR-H01 series
Low Voltage Directive 2006/95/EC*
Electromagnetic Directive 2004/108/EC*
Directive 93/42/EEC, including EN* ISO14971:2012
RoHS2 Directive 2011/65/EU

Other Freerider models:

Independent Test Report :
Standard: EN* 12184:2014. Ref N3E12184-109015-04-187 (37 pages). Date 09/2020
(Testing Laboratory: Precision Machinery Research and Development Centre, Taiwan)

*Note: EN and CE – European Standards