

Test Report

No.: 70.300.21.10675.01

Date: 2021-11-08

Applicant: ANZENE
Address: 5 DEFU LANE 6, SINGAPORE 539367
Product Name: 2017 Anti Rust quality of ebike battery pack casing
Manufacturer: Shenzhen De Bao Xin Neng Yuan Ying Yong Ke Ji You Xian Gong Si
Manufacturer address: Guangdong Sheng Shenzhen Shi Bao An Qu Fuhai Jiedao
Buyer: Anzene Pte Ltd
Country of Destination: Singapore
Country of Origin: China
Receipt Date of Sample: 2021-10-20
Date of Testing: 2021-10-25 ~ 2021-11-03
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item

With reference to ISO 9227:2017 Corrosion tests in artificial atmospheres-Salt spray tests, and assessment according to ISO 10289:1999 as requested by applicant

Conclusion

See result

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Testing Center

Prepared by:


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Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

Description of Tested Subject:

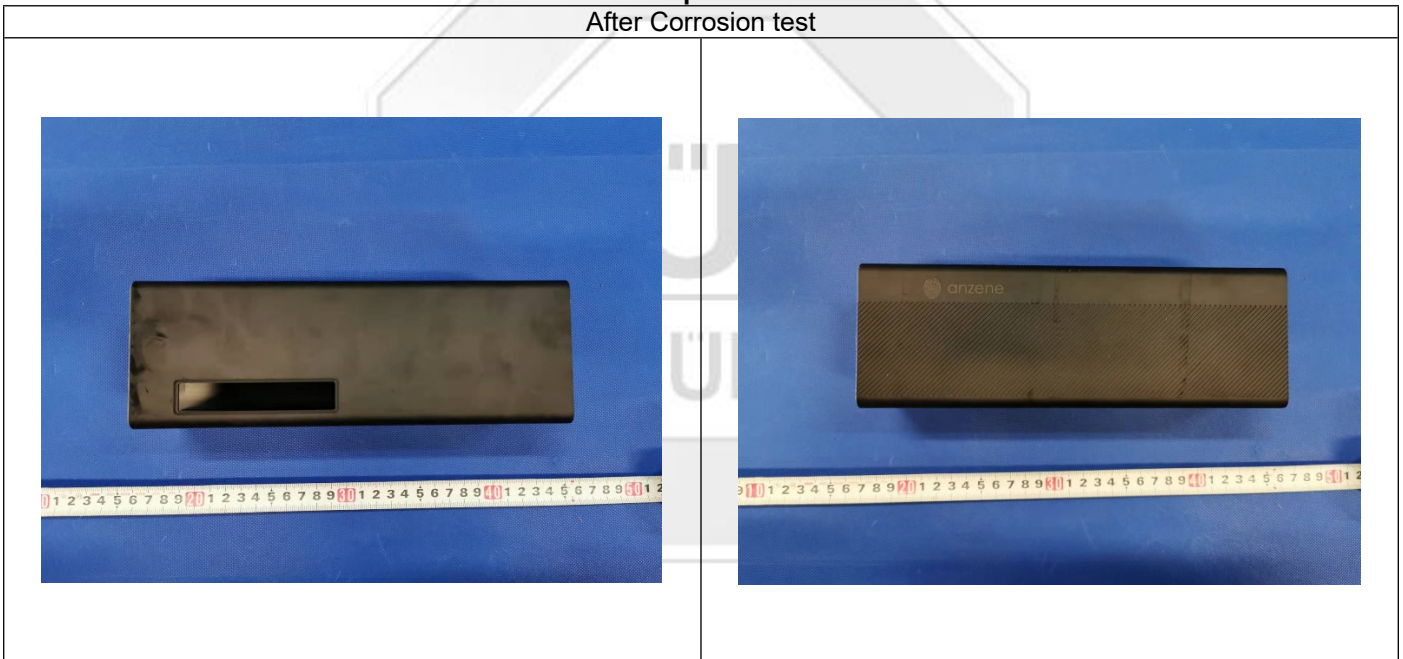
Sample list		Description	Photo
Sample Received on: 2021-10-20			
ebike battery pack casing	1 pc	2017 Anti Rust quality of ebike battery pack casing	

Test Results

With reference to ISO 9227:2017 Corrosion tests in artificial atmospheres-Salt spray tests, and assessment according to ISO 10289:1999 as requested by applicant

- ISO 9227:2017 Corrosion tests in artificial atmospheres — Salt spray tests, Neutral salt spray (NSS) test
- Test method** : Temperature: 35 °C;
Average collection rate for a horizontal collecting area of 80 cm²: 1.5 mL/h;
pH: 6.8
Concentration of sodium chloride: 50 g/L
- Client's Requirement** : Duration: 48 hours
Evaluate according to EN ISO 10289:1999 Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates - Rating of test specimens and manufactured articles subjected to corrosion tests.
- Test Result** : 10/10

Test photos:
After Corrosion test



Protection (R_P) and appearance rating (R_A)

Area of defects A (%)	Rating R _P or R _A
No defects	10
0<A≤0.1	9
0.1<A≤0.25	8
0.25<A≤0.5	7
0.5<A≤1.0	6
1.0<A≤2.5	5
2.5<A≤5.0	4
5.0<A≤10	3
10<A≤25	2

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25<A≤50	1
50<A	0

-End of Test Report-

