

SALT SPRAY TEST

Material & Finish Coating (Only)

Elements Tested:	Zinc Alloy & Powder Coat
Test Item:	500h Salt Spray Test of Coating (Lock)
Product Example Tested:	Rod Control Swing Handle
Report No#:	YK-QP-46-02-A0
Test No#:	202404190015
Test Date:	2024/04/19


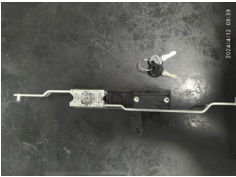




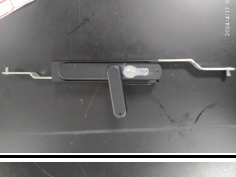
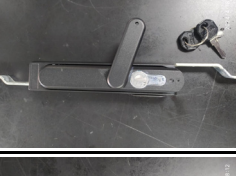
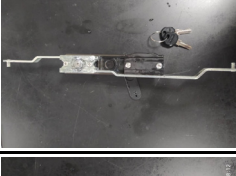


Salt Spray Test of Coating (Lock)

Report No. : YK-QP-46-02-A0

Test No. NO : 202404190015

Sample Name	Rod Control Swing Handle	Part Number	N/A	Material And Finish	Zin Alloy and Powder Coated
Entrusting Department	Sales Department	Sample Reception Date	2024/3/28	Quantity	1
Test Method/Standard	GB/T 25293-2010 Mechanical door lock for cabinets of electrotechnical and electronic equipment 11.8 GB/T 10125-2021 Corrosion tests in artificial atmospheres—Salt spray tests GB/T 6461-2002 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 Condition : 1. Concentration of Settling Salt Solution : (50±5)g/L NaCl 2. Chamber Temperature : (35±2)°C 3. Spray Pressure : 96kPa 4. Precipitation Rate of Salt Spray : (1.0~2.0) ml/(80cm ² ·h) 5. pH Value of Settling Salt Solution : (25°C ± 2°C):6.5~7.2 6. Test Duration : 504 Hours 7. Placement Angle : 15-25°					
Test Requirement	Continuous neutral salt spray for 500 hours, no red rust on the surface of the sample				
Test Result	500H, the surface is intact without red rust Rust grade 0 Surface comprehensive grade 0				
Test Process Record					
Test duration: 2024/03/29 8:00 ~ 2024/04/19 8:00 Accumulated 504 hours					
Check Time	Cumulative Time	Test Record Pictures			Test State Description
2024/03/29 8:00	0H				Surface comprehensive grade 0

2024/03/30 8:00	24H			Surface comprehensive grade 0
2024/03/31 8:00	48H			Surface comprehensive grade 0
2024/04/01 8:00	72H			Surface comprehensive grade 0
2024/04/02 8:00	96H			Surface comprehensive grade 0
2024/04/03 8:00	120H			Surface comprehensive grade 0
2024/04/06 8:00	192H			Surface comprehensive grade 0
2024/04/07 8:00	216H			Surface comprehensive grade 0
2024/04/08 8:00	240H			Surface comprehensive grade 0
2024/04/09 8:00	264H			Surface comprehensive grade 0
2024/04/10 8:00	288H			Surface comprehensive grade 0
2024/04/11 8:00	312H			Surface comprehensive grade 0

2024/04/12 8:00	336H			Surface comprehensive grade 0
2024/04/13 8:00	360H			Surface comprehensive grade 0
2024/04/14 8:00	384H			Surface comprehensive grade 0
2024/04/15 8:00	408H			Surface comprehensive grade 0
2024/04/16 8:00	432H			Surface comprehensive grade 0
2024/04/17 8:00	456H			Surface comprehensive grade 0
2024/04/18 8:00	480H			Surface comprehensive grade 0
2024/04/19 8:00	504H			Surface comprehensive grade 0

Test Date : 2024/04/19

Approved Date : 2024/04/19