



Product Test Report

Product name	NS-MON1615-IP68	Tester	Wu Zhikai	Date	From: 2022.08.08 To: 2022.09.05
Project	Accelerated chlorine test	Type	Reliability test	Quantity	5

1. Equipment: Bucket, trichloroisocyanuric acid disinfection tablets, residual chlorine test paper.

2. Conditions: The test water was modulated to contain 40 times more chlorine than the pool standard (0.5mg/L). Add more than 5L water to the bucket, and put 2000mg chlorine tablets into it. Use residual chlorine test paper to test whether the chlorine content in the water reaches 20mg/L or not. When the content reaches 20mg/L, put the strip into the water and continue to light up, test for 30 days, and observe the changes every week.

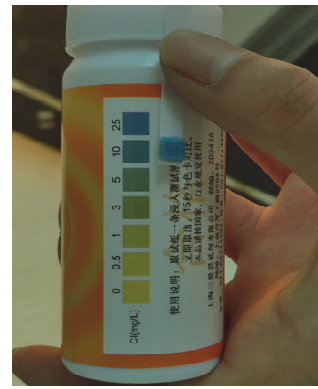
3. Requirement: The water level in the bucket must be above 5L at all times, and must be higher than the strip. Adding water or chlorine appropriately, observing and using residual chlorine regularly. The dipstick is used to test the amount of chlorine in the water to make sure the chlorine level in the water is 20mg/L daily.

4. Recording:

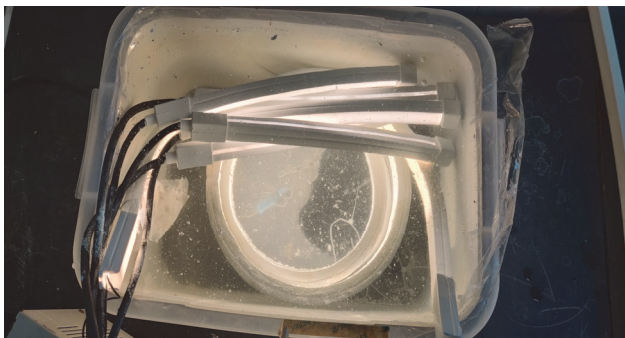
Before



Adding chlorine tablets, chlorine content test



Under testing

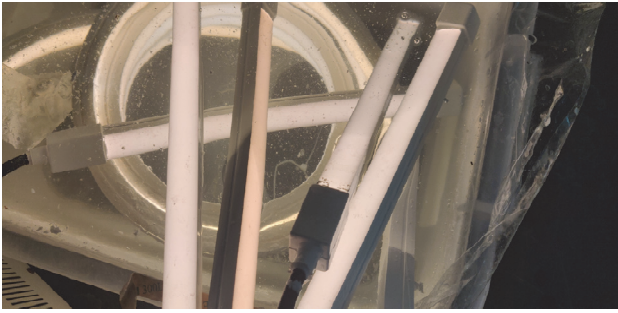


1st week



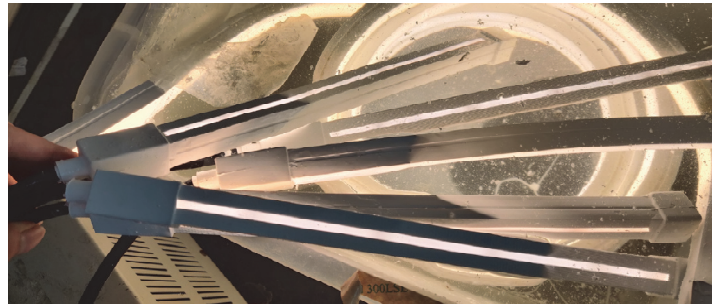
Changes: The electric performance of the strip is normal, and the surface is unchanged.

2nd week



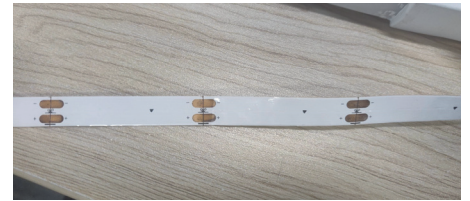
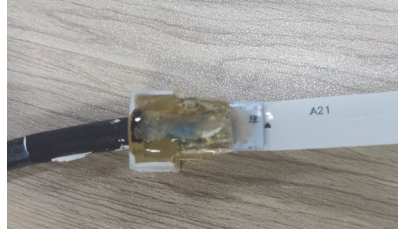
Changes: The electric performance of the strip is normal, and the surface is unchanged.

3rd week



Changes: The electric performance of the strip is normal, and the surface is unchanged.

Completed



5. Results: After 30 days of chlorine-proof accelerated test, the electric performance of the strip is normal, the appearance has no obvious change, and there is no water or corrosion phenomenon at the outlet end of the

There is no oxidation rust in the copper core of the plug, no oxidation and corrosion in the components of the strip board, and slight oxidation in the welding pad at the back of the strip board

6. Conclusion: NS-MON1615-IP68 strip chlorine accelerated test passed.