TEST REPORT

REPORT NO.:CTNT2412230160201R

Product name: Rainer

Model No.: YGT-BLACK1

Applicant: Wenzhou Ruituo Sanitary Ware Co., Ltd

Test procedure: Entrustment Test

Shenzhen CTNT Testing Technology Co., Ltd.

TEST REPORT

Appendix S to Subpart B of Part 430—Uniform Test Method for Measuring the Water Consumption of Faucets and Showerheads

Report Number. ..... :	CTNT2412230160201R
Date of issue ..... :	Jan.15, 2025
Name of Testing Laboratory preparing the Report..... :	Shenzhen CTNT Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com
Applicant's name ..... :	Wenzhou Ruituo Sanitary Ware Co., Ltd
Address ..... :	Room 409, Room 019, 394 Liming East Road, Binjiang Street, Lucheng District, Wenzhou City, Zhejiang Province
Test specification:	
Standard ..... :	10 CFR 430, Appendix S of Subpart B. 10 CFR 430.32
Test procedure..... :	10 CFR 430, Appendix S of Subpart B.
Non-standard test method ..... :	N/A
Test Report Form No..... :	DOE- SLT-TRF
Test Report Form(s) Originator.... :	1.0
Master TRF ..... :	CTNT

General disclaimer:

The test results presented in this report relate only to the object tested.
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Test item description ..... :	Rainer
Model/Type reference ..... :	YGT-BLACK1
Trade Mark..... :	RTOBWEYE
Manufacturer ..... :	Wenzhou Ruituo Sanitary Ware Co., Ltd

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
Laboratory Name	Shenzhen CTNT Testing Technology Co., Ltd.	
Testing location/ address.....:	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Tested by(Test Engineer)..... :	George Tian	George Tian
Reviewed By(Supervisor) .....:	Oliver Long	Oliver Long
Approved by(Chief Engineer).....:	Flight Lee	

Summary of testing:

Tests performed (name of test and test clause):	**Testing location:**
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. A representative sample of the product covered by this report has been tested and Rainer complies with the requirements of 10 CFR 430.32	Shenzhen CTNT Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com

General conditions for measurements:

1. General Test Set-up Conditions

1.1 Flow rate test Procedure(According to the standard ASME A112.18.1-2012 / CSA B125.1-2012)

1.1.1) Fittings shall be tested at the maximum flow setting, if adjustable, with both hot and cold water valves fully open on combination fittings.

The flow rate test shall be conducted with water between 5 and 71℃(40 and 160F) in accordance with the intended end use of the fitting and under the following conditions:

(a) for minimum flow: at 140 + 7kPa (20 + 1nsi) at the inlet when water is flowing: and

(b) for maximum flow for faucets: at 410 ± 7kPa (60 ± 1 psi) at the inlet when water is flowing.

1.1.2) Flow rate tests for shower heads, body sprays, and hand showers shall be conducted with water at 38±6℃ (100±10F) and the flow maintained for at least 1 min. The flow rate test for

(a) maximum flow for shower heads shall be conducted at 550 ± 14kPa (80 ± 2psi);

(b) minimum flow for shower heads and hand showers shall be conducted at 31 0 ± 1 4kPa (45 ± 2 psi).

If the shower head or hand-held shower has more than one mode, the minimum flow rate shall be determined at a flowing pressure of 310 ± 7kPa (45 ± 1 psi) in all modes. Pause or trickle modes designed to flow at less than 1.9 L/min (0.5gpm) at 550kPa (80 psi) shall be excluded from the minimum flow requirements; and

Note: The intent of item (b) is to aid in the selection of an appropriate automatic compensating valve.

(c) high-efficiency shower heads and hand-held showers shall be conducted in accordance with Clause