TEST REPORT

REPORT NO.: CTNT230814015R

Product name:	Filtered shower head
Model No.:	filtered001
Applicant:	Shenzhenshitengpaiyougoukejiyouxiangongsi
Test procedure:	Entrustment Inspection

Shenzhen Zhongwei Testing Technology Co., Ltd.

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TEST REPORT

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

Report Number. .....:	CTNT230814015R
Date of issue .....:	Oct.13,2023
Name of Testing Laboratory preparing the Report.....:	Shenzhen Zhongwei 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.....:	Shenzhenshitengpaiyougoukejiyouxiangongsi
Address .....:	shen zhen shi long gang qu ban tian jie dao ban tian she qu lan hai zhong chuang chan ye yuan san ceng -301
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 .....:	Filtered shower head
Model/Type reference .....:	filtered001
Trade Mark .....:	N/A
Manufacturer.....:	Shenzhenshitengpaiyougoukejiyouxiangongsi

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):

Laboratory Name	Shenzhen Zhongwei 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) ..... :	Steve Zhou	Steve Zhou
Reviewed By(Supervisor).....:	Airan Lu	Airan Lu
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 bythis report has been tested and Faucet complies with the requirements of 10 CFR 430.32	Shenzhen Zhongwei 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 valvesfully open on combination fittings.

The flow rate test shall be conducted with water between 5 and 71℃(40 and 160F) in accordancewith 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 bedetermined at a flowing pressure of 310 ± 7kPa (45 ± 1 psi) in all modes. Pause or trickle modesdesigned to flow at less than 1.9 L/min (0.5gpm) at 550kPa (80 psi) shall be excluded from theminimum 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 withClause

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