

APPLICATION FOR APPLIANCE EFFICIENCY REGULATIONS**On Behalf of****Guangdong Minjie Sanitary Ware Co.,Ltd.****Smart toilet****Model No.: MZ055**

Prepared for: Guangdong Minjie Sanitary Ware Co.,Ltd.
Chengongwei, Nanmen Village, Fengtang Town, Chaoan
District CHAOZHOU CITY Guangdong 521000
China

Prepared By: Shenzhen TYT Testing Services Co., Ltd.
204, No. 111 of Huanguan Middle Road, Songxuan Community,
Guanhu Street, Longhua District, Shenzhen, Guangdong, China

Date of Test: July 30, 2026 – August 11, 2026
Date of Report: August 11, 2026
Report Number: TYT260731003S

Test Report

Energy Efficiency Regulations

Energy Conservation Program For Plumbing Fittings

Report Number..... : TYT260731003S

Test by (print+signature)..... : Serena Song

Checked by (print+signature)..... : Jean Shu

Approved by (print+signature)..... : Seven Wang

Date of issue..... : August 11, 2026

Total pages..... : 10


Testing Laboratory name..... : **Shenzhen TYT Testing Services Co., Ltd.**

Address..... : 204, No. 111 of Huanguan Middle Road, Songxuan Community,
Guanhu Street, Longhua Dist., Shenzhen, Guangdong, China

Testing location..... : Same as above

Applicant's name..... : Guangdong Minjie Sanitary Ware Co.,Ltd.

Address..... : Chengongwei, Nanmen Village, Fengtang Town, Chaoan District
CHAOZHOU CITY Guangdong 521000
China

Test specification:

Standard..... : U.S. California Code of Regulations
Title 20. Public Utilities and Energy -
CEC-140-2019-002, December 2019: Plumbing Fixtures.

Test procedure..... : Test Method for Water Closet:
10 C.F.R. Section 430.23(u) (Appendix T to subpart B of part 430)
- Uniform Test Method for Measuring gallons per flush of water
closets
Section 7.10 of ASME A112.19.2/CSA B45.1-2013-Waste
Extraction Test for Smart toilet.

Non-standard test method..... : N/A

Test Report Form No. : CEC-2021-03

Test Report Form(s) Originator : TYT-lab

Master TRF..... : 2021-03B

Test item description..... : Smart toilet

Trade Mark..... : MIJIC

Manufacturer..... : Guangdong Minjie Sanitary Ware Co.,Ltd.

Address..... : Chengongwei, Nanmen Village, Fengtang Town, Chaoan District
CHAOZHOU CITY Guangdong 521000
China

Factory (ies)..... : /

Address..... : /

Model/Type reference..... : MZ055

Model difference..... : /

Ratings..... : See marking plate

1. General Remarks

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see remark #)" refers to a remark appended to the report.

"(See appended table)" refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.

2. Abbreviations May Used throughout This Report

UUT: Unit Under Test

UP: Prison-Type Urinal

UT: Trough-Type Urinal

UV: Vacuum-Type Urinal

UW: Waterless Urinal

UM: Wall-mounted Urinal

UN: Other Type Urinal

WB: Blowout Water Closet

N.A.: Not Applicable

WD: Dual-Flush Water Closet

WE: Electromechanical Hydraulic

WF: Flushometer Valve Water

WG: Gravity Tank-Type Water

WP: Prison-Type Water Closet

WT: Flushometer Tank Water Closet

WV: Vacuum-Type Water Closet

3. Summary of Test conditions (According to the standard ASME A112.19.2-2018/CSA B45.1-2013)

3.1. Test Apparatus and General Instructions

a. When testing a water closet, use the test apparatus and follow the instructions specified in Sections 7.1.1 (including Table 5), 7.1.2, 7.1.3, 7.1.4, and 7.1.5 of ASME A112.19.2–2018). The flushometer valve used in the water consumption test must represent the maximum design flush volume of the water closet. Record each measurement at the resolution of the test apparatus. Round each calculation of water consumption for each tested unit to the same number of significant digits as the previous step.

b. When testing a urinal, use the test apparatus and follow the instructions specified in Sections 8.2.1, 8.2.2, and 8.2.3 (including Table 6) of ASME A112.19.2–2018. The flushometer valve used in the water consumption test must represent the maximum design flush volume of the urinal. Record each measurement at the resolution of the test apparatus. Round each calculation of water consumption for each tested unit to the same number of significant digits as the previous step.

3.2 Test Measurement

a. Water closets:

(i) Measure the water flush volume for water closets, expressed in gallons per flush (gpf) or liters per flush (Lpf), in accordance with Section 7.3, Water Consumption Test, of ASME A112.19.2–2018. For dual-flush water closets, the measurement of the water flush volume shall be conducted separately for the full-flush and reduced-flush modes and in accordance with the test requirements specified Section 7.3, Water Consumption Test, of ASME A112.19.2–2018. The final measured flush volume for each tested unit is the average of the total flush volumes recorded at each test pressure as specified in Table 5 "Static test pressures for water closets, kPa (psi)," of ASME A112.19.2–2018, based on the average of the individual flush volumes at a given pressure from the three tests.

(ii) Flush volume and tank trim component adjustments: For gravity flush tank water closets, set trim components that can be adjusted to cause an increase in flush volume, including (but not limited to) the flapper valve, fill valve, and tank water level, in accordance with the printed installation instructions supplied by the manufacturer with the unit. If the printed installation instructions for the model to be tested do not specify trim setting adjustments, adjust these trim components to the maximum water use setting so that the maximum flush volume is produced without causing the water closet to malfunction or leak. Set the water

level in the tank to the maximum water line designated in the printed installation instructions supplied by the manufacturer or the designated water line on the tank itself, whichever is higher. If the printed installation instructions or the water closet tank do not indicate a water level, adjust the water level to 1 ± 0.1 inches below the top of the overflow tube or, for gravity flush tank water closets that do not contain an overflow tube, 1 ± 0.1 inches below the top rim of the water-containing vessel for each designated pressure specified in Table 5 of ASME A112.19.2–2018.

b. Urinals—Measure water flush volume for urinals, expressed in gallons per flush (gpf) or liters per flush (Lpf), in accordance with Section 8.6, Water Consumption Test, of ASME A112.19.2–2018. The final measured flush volume for each tested unit is the average of the total flush volumes recorded at each test pressure as specified in Table 6 “Static test pressures for urinals, kPa (psi),” of ASME A112.19.2–2018, based on the average of the individual flush volumes at a given pressure from the three tests.

4. General Product Information

4.1 Brief Description of UUT

Product type	☐ UP: Prison-Type Urinal ☐ UT: Trough-Type Urinal ☐ UV: Vacuum-Type Urinal ☐ UW: Waterless Urinal ☐ UM: Wall-mounted Urinal ☐ UN: Other Type Urinal ☐ WB: Blowout Water Closet ☒ WD: Dual-Flush Water Closet ☐ WE: Electromechanical Hydraulic ☐ WF: Flushometer Valve Water ☐ WG: Gravity Tank-Type Water ☐ WP: Prison-Type Water Closet ☐ WT: Flushometer Tank Water Closet ☐ WV: Vacuum-Type Water Closet
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4.2 Copy of Marking Plate

Remark: The artwork below may be only a draft.

MIJIC
 Smart toilet
 Model: MZ055
 Max. flow rate: 1.26 gpf
 Manufacturer: Guangdong
 Minjie Sanitary Ware Co.,Ltd.
 Manufacturer date: 2026/5/20
 Made in China

5. Limit requirements

5.1 The water consumption of water closets and urinals, other than those designed and marketed exclusively for use at prisons or mental health care facilities, shall be not greater than the values shown in Table I.

Table I
Standards for Plumbing Fixtures

Appliance	Maximum Gallons per Flush or Dual-flush effective flush volume
	Sold or Offered for Sale On or After January 1, 2016
All water closets	1.28
Trough-Type Urinals	Trough length (inches)
	16
Wall-Mounted Urinals	0.125
Other Urinals	0.5

6. Test Result

List of Measured Values

Name of measured value	UUT	Represented Value Mean
Maximum water consumption of Gallons per Flush (required for water closets, Type code: WB, WE, WF, WG, WP, WT, WV)	--	1.28 gpf
Dual flush effective water consumption of Gallons per Flush (required for water closets, Type code: WD)	1.26	1.28 gpf
Trough length (inches) (required for Trough-Type Urinals, Type code: UT)	—	16 inchs
Maximum water consumption of Gallons per Flush (required for Wall-Mounted Urinals, Type code: UM)	—	0.125 gpf
Maximum water consumption of Gallons per Flush (required for Urinals, Type code: UP, UV, UW, UN)	--	0.5 gpf
Passes Waste Extraction Test (required for water closets, Type code: WB, WD, WE, WF, WG, WP, WT, WV)	pass	--
Waste Extraction Value(Grams) (required for water closets, Type code: WB, WD, WE, WF, WG, WP, WT, WV)	350	--

Appendix 1
Photo documentation

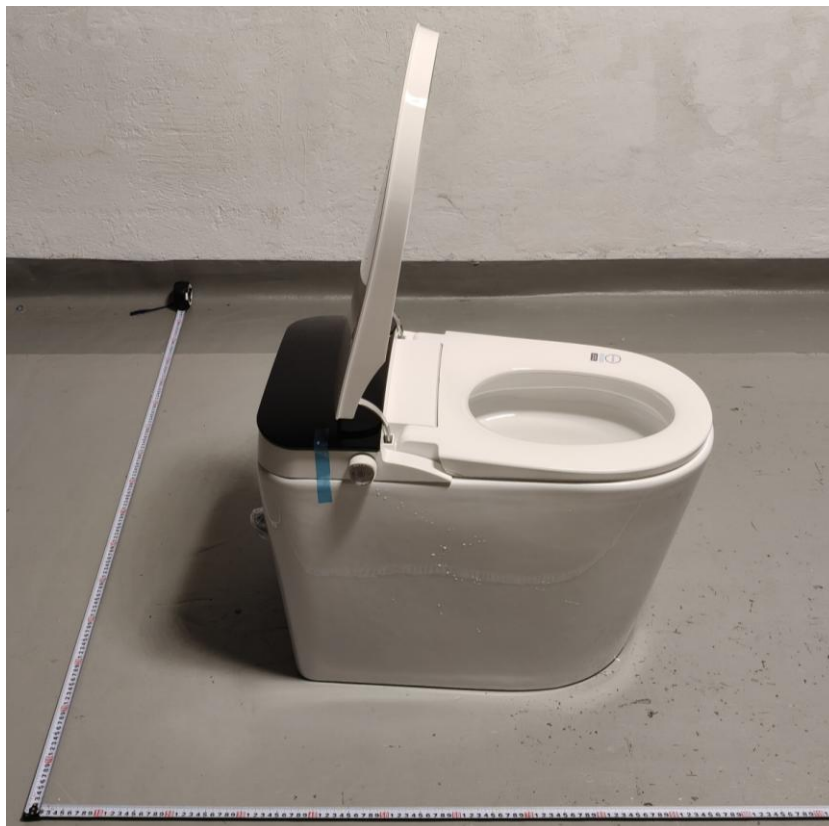


Photo 1



Photo 2

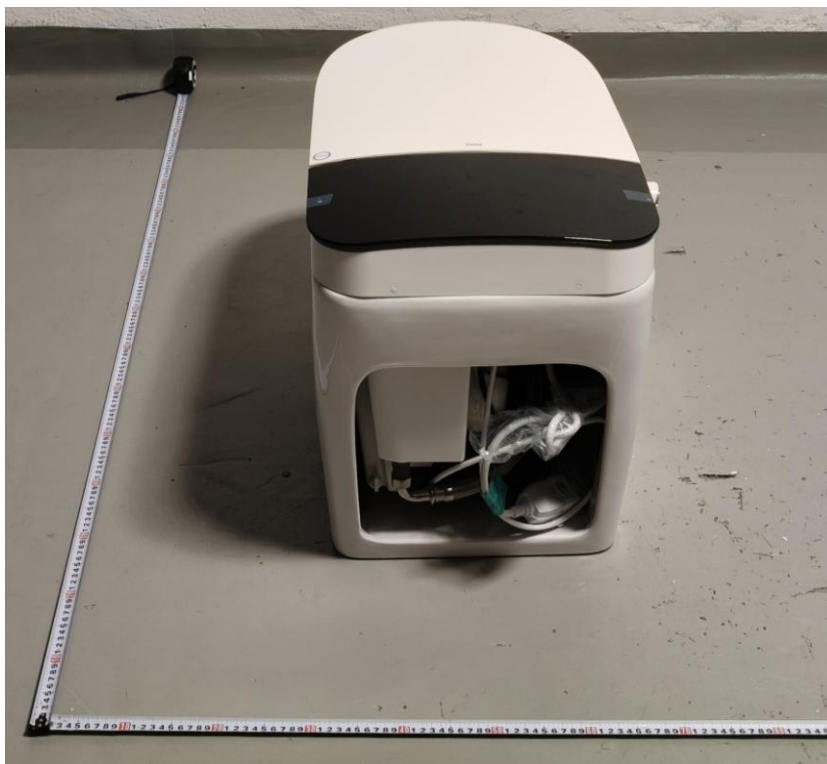


Photo 3



Photo 4



Photo 5



Photo 6



Photo 7

*****End of report*****