



Total Quality. Assured.

TEST REPORT

EN 14527

Shower trays for domestic purposes

Report Reference No.....: 200708076GZU-001

Tested by (name and signature).....: Syanson Xu

Project Engineer

Approved by (name and signature).....: Bink Xu

Technical Supervisor

Date of issue.....: July 14, 2020

Contents.....: Total test report 19 pages including:

Report text: 15 pages

Appendix A for product photos: 3 pages

Appendix B for revision page: 1 page

Testing Laboratory name: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Address: Room 4103 & 4203, No. 63, Punan Road, Huangpu District, Guangzhou, Guangdong Province, China

Testing location.....: Same as above

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

Address: 45-1 Tiantai Road, Datang Industrial Estate, Sanshui District, Foshan City, Guangdong Province, China, 528143

Test specification:

Standard: EN 14527: 2016+A1: 2018 (E)

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

Test Report Form No......: TTRF_EN 14527_c

TTRF Originator: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Master TTRF: Dated 2019-4-4

Test item description: Shower tray

Trade Mark: ---

Model and/or type reference: See "General product information" on page 4 ~ 10

Manufacturer: Guangdong Ocean Sanitary Ware Co., Ltd

Rating(s).....: See "General product information" on page 4 ~ 10

When this European Standard (EN 14527: 2016+A1: 2018) is cited in the Official Journal of the European Union (OJEU), it shall be possible to use it as a basis for the establishment of the Declaration of Performance (DoP) and the CE marking, from the date of the beginning of the coexistence period as specified in the OJEU.

The CE marking symbol shall be in accordance with the general principles set out in Article 30 of Regulation (EC) No. 765/2008. It may be followed by a pictogram or any other mark notably indicating a special risk or use.

— *It shall be affixed visibly, legibly and indelibly:*

— *to the product or*

— *to a label attached to it.*

— *Where this is not possible or not warranted on account of the nature of the product, it shall be affixed:*

— *to the packaging or*

— *to the accompanying documents.*



Guangdong Ocean Sanitary Ware Co., Ltd
45-1 Tiantai Road, Datang Industrial Estate, Sanshui District,
Foshan City, Guangdong Province, China, 528143

20

XXXXX

YYYYY

PH

EN 14527
CL1+CL2

Remark:

1. "XXXXX" should be the reference number of the DoP.

2. "YYYYY" should be the unique identification code of the product type.

Summary of testing:

The submitted samples were tested and found to **COMPLY WITH** applicable requirements of EN 14527: 2016+A1: 2018 (E).

Test item particulars:
Classification of installation and use..... : For personal hygiene
Supply Connection : —
Possible test case verdicts:
- Test case does not apply to the test object..... : N/A
- Test object does meet the requirement : P (Pass)
- Test object does not meet the requirement : F (Fail)
Testing:
Date of receipt of test item : June 2, 2020
Date (s) of performance of tests : June 3, 2020 to July 9, 2020
General remarks:
This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program. "(See remark #)" refers to a remark appended to the report. "(See Appendix #)" refers to an appendix appended to the report. When determining the test result, measurement uncertainty has been considered. The clause which indicated with * is the subcontract test item. All the tests results give the statement of conformity refer to the decision rule of "Procedure 2 "Accuracy Method" as stated in the IEC Guide 115:2007. The revised report replaces the report of the previous version.

General product information:

T1 Series shower tray:

No.	Model No.	Size (mm)	Surface finish	Waste outlet size (mm)	Remark
1	PPR7080	700*800*30	Smooth	∅ 90	Covered model
2	PPR7680	760*800*30	Smooth	∅ 90	Covered model
3	PPR7090	700*900*30	Smooth	∅ 90	Covered model
4	PPR7690	760*900*30	Smooth	∅ 90	Covered model
5	PPR8090	800*900*30	Smooth	∅ 90	Covered model
6	PPR7010	700*1000*30	Smooth	∅ 90	Covered model
7	PPR7610	760*1000*30	Smooth	∅ 90	Covered model
8	PPR8010	800*1000*30	Smooth	∅ 90	Covered model
9	PPR9010	900*1000*30	Smooth	∅ 90	Covered model
10	PPR7011	700*1100*30	Smooth	∅ 90	Covered model
11	PPR7611	760*1100*30	Smooth	∅ 90	Covered model
12	PPR8011	800*1100*30	Smooth	∅ 90	Covered model
13	PPR9011	900*1100*30	Smooth	∅ 90	Covered model
14	PPR7012	700*1200*30	Smooth	∅ 90	Covered model
15	PPR7612	760*1200*30	Smooth	∅ 90	Covered model
16	PPR8012	800*1200*30	Smooth	∅ 90	Covered model
17	PPR9012	900*1200*30	Smooth	∅ 90	Covered model
18	PPR7014	700*1400*30	Smooth	∅ 90	Covered model
19	PPR7614	760*1400*30	Smooth	∅ 90	Covered model
20	PPR8014	800*1400*30	Smooth	∅ 90	Covered model
21	PPR9014	900*1400*30	Smooth	∅ 90	Covered model
22	PPR7015	700*1500*30	Smooth	∅ 90	Covered model
23	PPR7615	760*1500*30	Smooth	∅ 90	Covered model
24	PPR8015	800*1500*30	Smooth	∅ 90	Covered model
25	PPR9015	900*1500*30	Smooth	∅ 90	Covered model
26	PPR7016	700*1600*30	Smooth	∅ 90	Covered model
27	PPR7616	760*1600*30	Smooth	∅ 90	Covered model
28	PPR8016	800*1600*30	Smooth	∅ 90	Covered model
29	PPR9016	900*1600*30	Smooth	∅ 90	Covered model
30	PPR7017	700*1700*30	Smooth	∅ 90	Covered model
31	PPR7617	760*1700*30	Smooth	∅ 90	Covered model
32	PPR8017	800*1700*30	Smooth	∅ 90	Covered model
33	PPR9017	900*1700*30	Smooth	∅ 90	Tested model

34	PPR77	700*700*30	Smooth	Ø 90	Covered model
35	PPR76	760*760*30	Smooth	Ø 90	Covered model
36	PPR88	800*800*30	Smooth	Ø 90	Covered model
37	PPR99	900*900*30	Smooth	Ø 90	Covered model
38	PPR11	1000*1000*30	Smooth	Ø 90	Tested model
39	PPH7690L	760*900*30	Smooth	Ø 90	Covered model
40	PPH8090L	800*900*30	Smooth	Ø 90	Covered model
41	PPH7610L	760*1000*30	Smooth	Ø 90	Covered model
42	PPH8010L	800*1000*30	Smooth	Ø 90	Covered model
43	PPH9010L	900*1000*30	Smooth	Ø 90	Covered model
44	PPH7612L	760*1200*30	Smooth	Ø 90	Covered model
45	PPH8012L	800*1200*30	Smooth	Ø 90	Covered model
46	PPH9012L	900*1200*30	Smooth	Ø 90	Covered model
47	PPH7690R	760*900*30	Smooth	Ø 90	Covered model
48	PPH8090R	800*900*30	Smooth	Ø 90	Covered model
49	PPH7610R	760*1000*30	Smooth	Ø 90	Covered model
50	PPH8010R	800*1000*30	Smooth	Ø 90	Covered model
51	PPH9010R	900*1000*30	Smooth	Ø 90	Covered model
52	PPH7612R	760*1200*30	Smooth	Ø 90	Covered model
53	PPH8012R	800*1200*30	Smooth	Ø 90	Covered model
54	PPH9012R	900*1200*30	Smooth	Ø 90	Tested model
55	PPH76	760*760*30	Smooth	Ø 90	Covered model
56	PPH88	800*800*30	Smooth	Ø 90	Covered model
57	PPH99	900*900*30	Smooth	Ø 90	Covered model
58	PPH11	1000*1000*30	Smooth	Ø 90	Covered model
59	PPD88	800*800*30	Smooth	Ø 90	Covered model
60	PPD99	900*900*30	Smooth	Ø 90	Covered model
61	PPD11	1000*1000*30	Smooth	Ø 90	Tested model

T5 Series shower tray:

No.	Model No.	Size (mm)	Surface finish	Waste outlet size (mm)	Remark
1	JSR7080	700*800*35	Smooth	168*42	Covered model
2	JSR7680	760*800*35	Smooth	168*42	Covered model
3	JSR7090	700*900*35	Smooth	168*42	Covered model
4	JSR7690	760*900*35	Smooth	168*42	Covered model
5	JSR8090	800*900*35	Smooth	168*42	Covered model

6	JSR7010	700*1000*35	Smooth	168*42	Covered model
7	JSR7610	760*1000*35	Smooth	168*42	Covered model
8	JSR8010	800*1000*35	Smooth	168*42	Covered model
9	JSR9010	900*1000*35	Smooth	168*42	Covered model
10	JSR7011	700*1100*35	Smooth	168*42	Covered model
11	JSR7611	760*1100*35	Smooth	168*42	Covered model
12	JSR8011	800*1100*35	Smooth	168*42	Covered model
13	JSR9011	900*1100*35	Smooth	168*42	Covered model
14	JSR7012	700*1200*35	Smooth	168*42	Covered model
15	JSR7612	760*1200*35	Smooth	168*42	Covered model
16	JSR8012	800*1200*35	Smooth	168*42	Covered model
17	JSR9012	900*1200*35	Smooth	168*42	Covered model
18	JSR7014	700*1400*35	Smooth	168*42	Covered model
19	JSR7614	760*1400*35	Smooth	168*42	Covered model
20	JSR8014	800*1400*35	Smooth	168*42	Covered model
21	JSR9014	900*1400*35	Smooth	168*42	Covered model
22	JSR7015	700*1500*35	Smooth	168*42	Covered model
23	JSR7615	760*1500*35	Smooth	168*42	Covered model
24	JSR8015	800*1500*35	Smooth	168*42	Covered model
25	JSR9015	900*1500*35	Smooth	168*42	Covered model
26	JSR7016	700*1600*35	Smooth	168*42	Covered model
27	JSR7616	760*1600*35	Smooth	168*42	Covered model
28	JSR8016	800*1600*35	Smooth	168*42	Covered model
29	JSR9016	900*1600*35	Smooth	168*42	Covered model
30	JSR7017	700*1700*35	Smooth	168*42	Covered model
31	JSR7617	760*1700*35	Smooth	168*42	Covered model
32	JSR8017	800*1700*35	Smooth	168*42	Covered model
33	JSR9017	900*1700*35	Smooth	168*42	Tested model
34	JSR77	700*700*35	Smooth	168*42	Covered model
35	JSR76	760*760*35	Smooth	168*42	Covered model
36	JSR88	800*800*35	Smooth	168*42	Covered model
37	JSR99	900*900*35	Smooth	168*42	Covered model
38	JSR11	1000*1000*35	Smooth	168*42	Covered model
39	JSH7690L	760*900*35	Smooth	168*42	Covered model
40	JSH8090L	800*900*35	Smooth	168*42	Covered model

41	JSH7610L	760*1000*35	Smooth	168*42	Covered model
42	JSH8010L	800*1000*35	Smooth	168*42	Covered model
43	JSH9010L	900*1000*35	Smooth	168*42	Covered model
44	JSH7612L	760*1200*35	Smooth	168*42	Covered model
45	JSH8012L	800*1200*35	Smooth	168*42	Covered model
46	JSH9012L	900*1200*35	Smooth	168*42	Covered model
47	JSH7690R	760*900*35	Smooth	168*42	Covered model
48	JSH8090R	800*900*35	Smooth	168*42	Covered model
49	JSH7610R	760*1000*35	Smooth	168*42	Covered model
50	JSH8010R	800*1000*35	Smooth	168*42	Covered model
51	JSH9010R	900*1000*35	Smooth	168*42	Covered model
52	JSH7612R	760*1200*35	Smooth	168*42	Covered model
53	JSH8012R	800*1200*35	Smooth	168*42	Covered model
54	JSH9012R	900*1200*35	Smooth	168*42	Covered model
55	JSH76	760*760*35	Smooth	168*42	Covered model
56	JSH88	800*800*35	Smooth	168*42	Covered model
57	JSH99	900*900*35	Smooth	168*42	Covered model
58	JSH11	1000*1000*35	Smooth	168*42	Covered model
59	JSD88	800*800*35	Smooth	168*42	Covered model
60	JSD99	900*900*35	Smooth	168*42	Covered model
61	JSD11	1000*1000*35	Smooth	168*42	Covered model

T8 Series shower tray:

No.	Model No.	Size (mm)	Surface finish	Waste outlet size (mm)	Remark
1	FMR7080	700*800*30	Rock vein	∅ 90	Covered model
2	FMR7680	760*800*30	Rock vein	∅ 90	Covered model
3	FMR7090	700*900*30	Rock vein	∅ 90	Covered model
4	FMR7690	760*900*30	Rock vein	∅ 90	Covered model
5	FMR8090	800*900*30	Rock vein	∅ 90	Covered model
6	FMR7010	700*1000*30	Rock vein	∅ 90	Covered model
7	FMR7610	760*1000*30	Rock vein	∅ 90	Covered model
8	FMR8010	800*1000*30	Rock vein	∅ 90	Covered model
9	FMR9010	900*1000*30	Rock vein	∅ 90	Covered model
10	FMR7011	700*1100*30	Rock vein	∅ 90	Covered model
11	FMR7611	760*1100*30	Rock vein	∅ 90	Covered model

12	FMR8011	800*1100*30	Rock vein	∅ 90	Covered model
13	FMR9011	900*1100*30	Rock vein	∅ 90	Covered model
14	FMR7012	700*1200*30	Rock vein	∅ 90	Covered model
15	FMR7612	760*1200*30	Rock vein	∅ 90	Covered model
16	FMR8012	800*1200*30	Rock vein	∅ 90	Covered model
17	FMR9012	900*1200*30	Rock vein	∅ 90	Covered model
18	FMR7014	700*1400*30	Rock vein	∅ 90	Covered model
19	FMR7614	760*1400*30	Rock vein	∅ 90	Covered model
20	FMR8014	800*1400*30	Rock vein	∅ 90	Covered model
21	FMR9014	900*1400*30	Rock vein	∅ 90	Covered model
22	FMR7015	700*1500*30	Rock vein	∅ 90	Covered model
23	FMR7615	760*1500*30	Rock vein	∅ 90	Covered model
24	FMR8015	800*1500*30	Rock vein	∅ 90	Covered model
25	FMR9015	900*1500*30	Rock vein	∅ 90	Covered model
26	FMR7016	700*1600*30	Rock vein	∅ 90	Covered model
27	FMR7616	760*1600*30	Rock vein	∅ 90	Covered model
28	FMR8016	800*1600*30	Rock vein	∅ 90	Covered model
29	FMR9016	900*1600*30	Rock vein	∅ 90	Covered model
30	FMR7017	700*1700*30	Rock vein	∅ 90	Covered model
31	FMR7617	760*1700*30	Rock vein	∅ 90	Covered model
32	FMR8017	800*1700*30	Rock vein	∅ 90	Covered model
33	FMR9017	900*1700*30	Rock vein	∅ 90	Tested model
34	FMR77	700*700*30	Rock vein	∅ 90	Covered model
35	FMR76	760*760*30	Rock vein	∅ 90	Covered model
36	FMR88	800*800*30	Rock vein	∅ 90	Covered model
37	FMR99	900*900*30	Rock vein	∅ 90	Covered model
38	FMR11	1000*1000*30	Rock vein	∅ 90	Covered model
39	FMH76	760*760*30	Rock vein	∅ 90	Covered model
40	FMH88	800*800*30	Rock vein	∅ 90	Covered model
41	FMH99	900*900*30	Rock vein	∅ 90	Covered model

T10 Series shower tray:

No.	Model No.	Size (mm)	Surface finish	Waste outlet size (mm)	Remark
1	LMR7080	700*800*30	Rock vein	168*42	Covered model
2	LMR7680	760*800*30	Rock vein	168*42	Covered model

3	LMR7090	700*900*30	Rock vein	168*42	Covered model
4	LMR7690	760*900*30	Rock vein	168*42	Covered model
5	LMR8090	800*900*30	Rock vein	168*42	Covered model
6	LMR7010	700*1000*30	Rock vein	168*42	Covered model
7	LMR7610	760*1000*30	Rock vein	168*42	Covered model
8	LMR8010	800*1000*30	Rock vein	168*42	Covered model
9	LMR9010	900*1000*30	Rock vein	168*42	Covered model
10	LMR7011	700*1100*30	Rock vein	168*42	Covered model
11	LMR7611	760*1100*30	Rock vein	168*42	Covered model
12	LMR8011	800*1100*30	Rock vein	168*42	Covered model
13	LMR9011	900*1100*30	Rock vein	168*42	Covered model
14	LMR7012	700*1200*30	Rock vein	168*42	Covered model
15	LMR7612	760*1200*30	Rock vein	168*42	Covered model
16	LMR8012	800*1200*30	Rock vein	168*42	Covered model
17	LMR9012	900*1200*30	Rock vein	168*42	Covered model
18	LMR7014	700*1400*30	Rock vein	168*42	Covered model
19	LMR7614	760*1400*30	Rock vein	168*42	Covered model
20	LMR8014	800*1400*30	Rock vein	168*42	Covered model
21	LMR9014	900*1400*30	Rock vein	168*42	Covered model
22	LMR7015	700*1500*30	Rock vein	168*42	Covered model
23	LMR7615	760*1500*30	Rock vein	168*42	Covered model
24	LMR8015	800*1500*30	Rock vein	168*42	Covered model
25	LMR9015	900*1500*30	Rock vein	168*42	Covered model
26	LMR7016	700*1600*30	Rock vein	168*42	Covered model
27	LMR7616	760*1600*30	Rock vein	168*42	Covered model
28	LMR8016	800*1600*30	Rock vein	168*42	Covered model
29	LMR9016	900*1600*30	Rock vein	168*42	Covered model
30	LMR7017	700*1700*30	Rock vein	168*42	Covered model
31	LMR7617	760*1700*30	Rock vein	168*42	Covered model
32	LMR8017	800*1700*30	Rock vein	168*42	Covered model
33	LMR9017	900*1700*30	Rock vein	168*42	Tested model
34	LMR77	700*700*30	Rock vein	168*42	Covered model
35	LMR76	760*760*30	Rock vein	168*42	Covered model
36	LMR88	800*800*30	Rock vein	168*42	Covered model
37	LMR99	900*900*30	Rock vein	168*42	Covered model

38	LMR11	1000*1000*30	Rock vein	168*42	Tested model
39	LMH76	760*760*30	Rock vein	168*42	Covered model
40	LMH88	800*800*30	Rock vein	168*42	Covered model
41	LMH99	900*900*30	Rock vein	168*42	Tested model

Remark:

1. The covered models were the same as the evaluated models in structure, materials and manufacturer process, just different in size and/or shape and/or waste outlet type and/or surface finish and/or opposite mirror image.

EN 14527			
Clause	Requirement - Test	Result - Remark	Verdict
5	Characteristics for Type 1 products		
5.1	General With each shower tray detailed instructions on installation and care shall be provided.		---
5.2	Cleanability		
5.2.1	Appearance of surface When a shower tray is inspected under strong and oblique illumination, the surfaces intended to come into contact with water shall be visibly smooth, non-absorbent and free from inaccessible corners that would impair cleanability. NOTE Surfaces with cracks, chips, crazing and other similar defects are not considered to be smooth.	Complied	P
5.2.2	Drainage of water Shower trays shall have at least one waste outlet hole. The dimensions of the waste outlet hole shall comply with the requirements of EN 251. Other dimensions are permissible, if the manufacturer provides or recommends a suitable waste fitting. All water shall empty from the shower tray unless prevented by surface tension.	The manufacturer provides a suitable waste fitting. No water remained.	P
5.3	Durability		
5.3.1	General Conformance with requirements of 5.3.2 to 5.3.4 give an assurance of durability of cleanability.	Please refer to clause 5.3.2 to 5.3.4	P
5.3.2	Stability of bottom When tested in accordance with 8.1, there shall be no permanent distortion or other defects, e.g. cracks, such that the requirements of 5.2.2 are not satisfied.	No permanent distortion or other defects.	P
5.3.3	Resistance to chemicals and staining agents		
5.3.3.1	General When shower trays, other than those made from the materials specified in 5.3.3.2, are tested in accordance with 8.2, the surface finish shall be unaffected by the chemicals and staining agents specified in Table 1 except for superficial surface changes which are removable with water or with water and the specified abrasive agent. Experience has shown that shower trays made of glazed ceramics comply with these requirements.	No affection to the surface by the chemicals and stains.	P

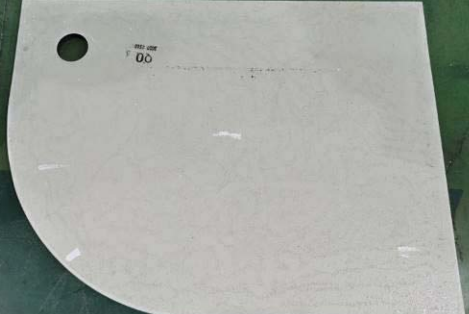
EN 14527			
Clause	Requirement - Test	Result - Remark	Verdict
5.3.3.2	Particular requirements for baths made of enamelled steel and enamelled cast iron Shower trays made from enamelled steel and enamelled cast iron shall comply with the requirements given in Table 2.		N/A
5.3.4	Resistance to temperature changes When tested in accordance with 8.3, all shower trays shall show no evidence of distortion or other defects, e.g. crazing, which will impair their cleanability. Experience has shown that shower trays manufactured from the stainless steel grades listed in Annex A, enamelled steel, enamelled cast iron and glazed ceramics comply with this requirement.	No evidence of distortion or other defects.	P
6	Characteristics for Type 2 products		
6.1	General With each shower tray detailed instructions on installation and care shall be provided.		---
6.2	Cleanability		
6.2.1	Appearance of surface When a shower tray is inspected under strong and oblique illumination, the surfaces intended to come into contact with water shall be visibly smooth, non-absorbent and free from inaccessible corners that would impair the cleanability. NOTE Surfaces with cracks, chips, crazing and other similar defects are not considered to be smooth.	Complied	P
6.2.2	Drainage of water Shower trays shall have at least one waste outlet hole. The dimensions of the waste outlet hole shall comply with the requirements of EN 251. Other dimensions are permissible, if the manufacturer provides or recommends a suitable waste fitting. All water shall empty from the shower tray unless prevented by surface tension.	The manufacturer provides a suitable waste fitting. No water remained.	P
6.3	Durability		
6.3.1	General Shower trays shall be readily cleanable for their anticipated working life when normal cleaning and maintenance is carried out.	Complied	P

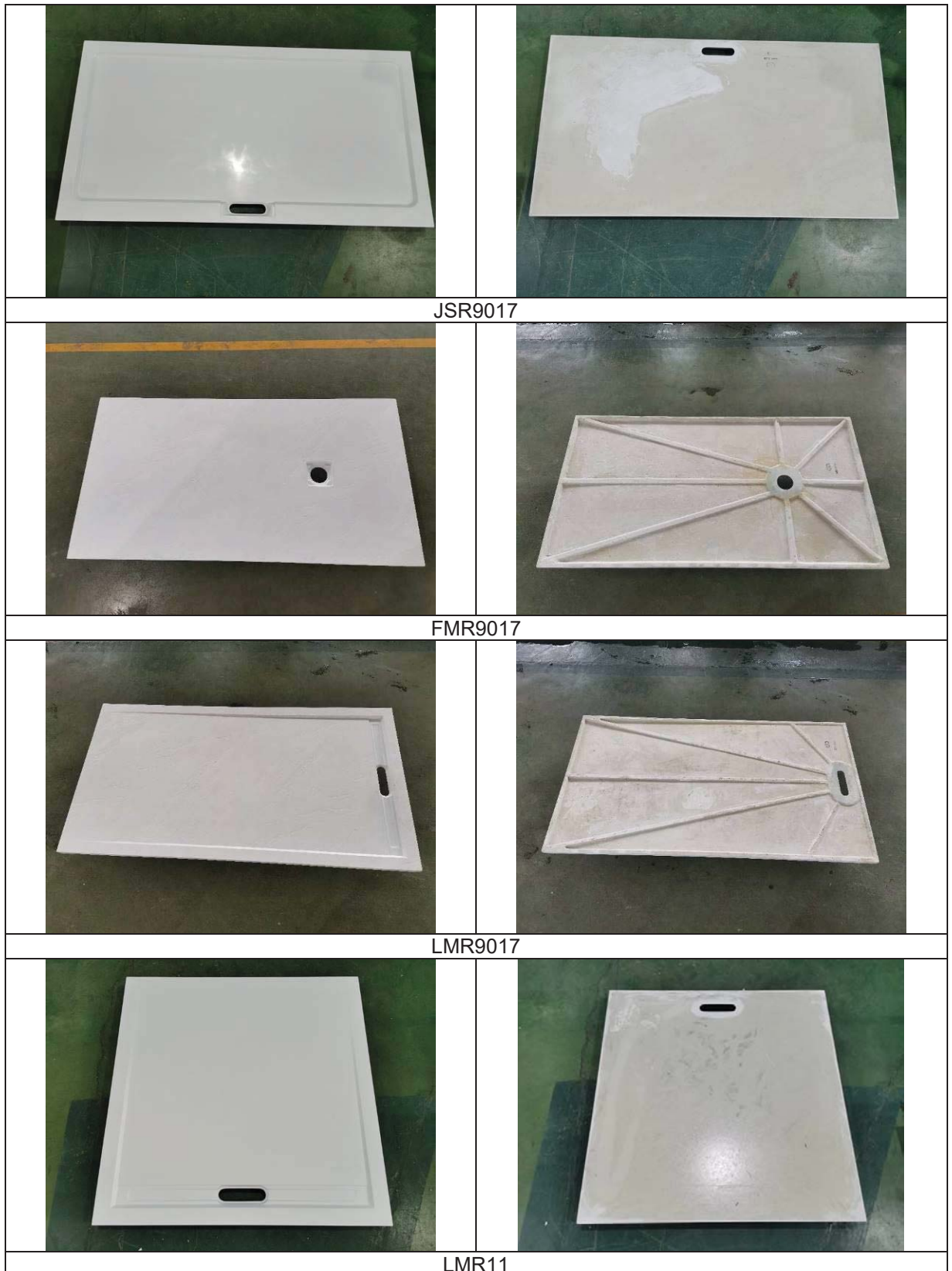
EN 14527			
Clause	Requirement - Test	Result - Remark	Verdict
6.3.2	Materials Experience has shown that shower trays made from plastics materials, enamelled steel, enamelled cast iron, stainless steel, glazed ceramics or glass and their surfaces intended to come into contact with water have the properties described in 6.3.1.	Complied	P
7	Dangerous substances National regulations on dangerous substances may require verification and declaration on release, and sometimes content, when construction products covered by this standard are placed on those markets. In the absence of European harmonized test methods, verification and declaration on release/content should be done taking into account provisions in the place of use.	Informative	—
9	Marking, labelling and packaging		—
10	Assessment and verification of constancy of performance-AVCP		
10.1	General The compliance of a shower tray with the requirements of this standard and with the performances declared by the manufacturer in the Declaration of Performance (DoP) shall be demonstrated by: —type testing (see 10.2); — factory production control by the manufacturer (FPC), including product assessment (see 10.3). The manufacturer shall always retain the overall control and shall have the necessary means to take responsibility for the conformity of the product with its declared performance(s).		P
10.2	Type testing		
10.2.1	General All performances related to characteristics included in this standard shall be determined when the manufacturer intends to declare the respective performances unless the standard gives provisions for declaring them without performing tests. (e.g. use of previously existing data, CWFT and conventionally accepted performance).		P

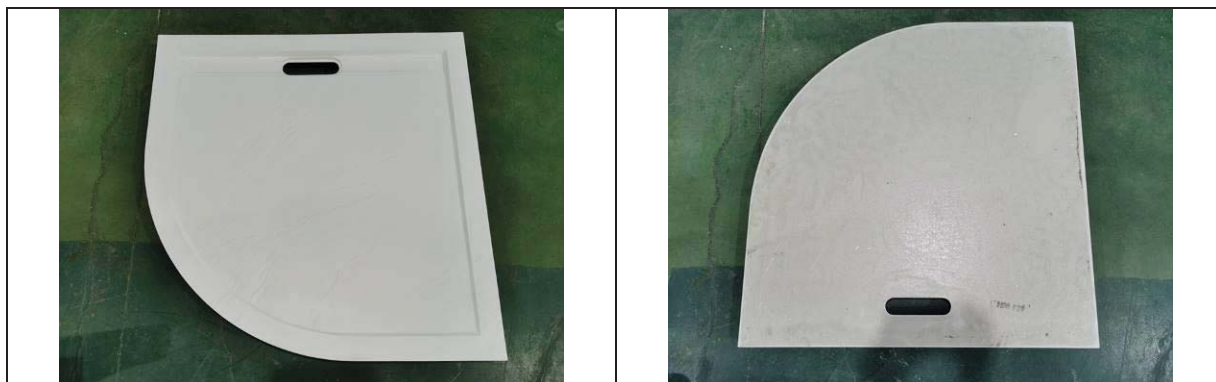
EN 14527			
Clause	Requirement - Test	Result - Remark	Verdict
10.2.2	Samples, testing and compliance criteria The shower tray shall be subjected to and pass the relevant tests in Table 4. The number of samples of shower tray to be tested/assessed shall be in accordance with Table 4 and/or Table 5.		P
10.3	Factory Production Control		
10.3.1	General The manufacturer shall establish, document and maintain a factory production control (FPC) system to ensure that the products placed on the market conform with the stated performance characteristics. The FPC system shall consist of procedures, regular inspections and tests and/or assessments and the use of the results to control raw and other incoming materials or components, equipment, the production process and the product. The results of inspections, tests or assessments requiring action shall be recorded. The action to be taken when control values or criteria are not met shall be recorded.	The applicant supplied ISO 9001 certificate.	P
10.3.2	Equipment		
10.3.2.1	Testing All weighing, measuring and testing equipment shall be calibrated and regularly inspected according to documented procedures, frequencies and criteria.	The applicant supplied ISO 9001 certificate.	P
10.3.2.2	Manufacturing All equipment used in the manufacturing process shall be regularly inspected and maintained to ensure use, wear or failure does not cause inconsistency in the manufacturing process. Inspections and maintenance shall be carried out and recorded in accordance with the manufacturer's written procedures and the records retained for the period defined in the manufacturer's FPC procedures.	The applicant supplied ISO 9001 certificate.	P
10.3.3	Raw materials and components The specifications of all incoming raw materials and components shall be documented, as shall the inspection scheme for ensuring their conformity. In cases where supplied kit components are used, the constancy of performance system of the component shall be that given in the appropriate harmonized technical specification for that component.	The applicant supplied ISO 9001 certificate.	P

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Clause	Requirement - Test	Result - Remark	Verdict
10.3.4	Product testing and assessment The manufacturer shall establish and document procedures to ensure that the stated values of all of the characteristics are maintained.	The applicant supplied ISO 9001 certificate.	P
10.3.5	Non-conforming products The manufacturer shall have written procedures which specify how non-conforming products shall be dealt with. Any such events shall be recorded as they occur and these records shall be kept for the period defined in the manufacturer's written procedures. Where the product fails to satisfy the acceptance criteria, the provisions for non-conforming products shall apply, the necessary corrective action(s) shall immediately be taken and the products or batches not conforming shall be isolated and properly identified. Once the fault has been corrected, the test or verification in question shall be repeated. The results of controls and tests shall be properly recorded. The product description, date of manufacture, test method adopted, test results and acceptance criteria shall be entered in the records under the signature of the person responsible for the control/test. With regard to any control result not meeting the requirements of this European standard, the corrective measures taken to rectify the situation (e.g. a further test carried out, modification of manufacturing process, throwing away or putting right of product) shall be indicated in the records.	The applicant supplied ISO 9001 certificate.	P
10.3.6	Corrective action The manufacturer shall have documented procedures that instigate action to eliminate the cause of nonconformities in order to prevent recurrence.	The applicant supplied ISO 9001 certificate.	

Appendix A
Product photos

		
PPR9017		
		
PPR11		
		
PPH9012R		
		
PPD11		





LMH99



Waste fitting for model PPR9017, PPR11, PPH9012R, PPD11 and FMR9017



Waste fitting for model JSR9017, LMR9017, LMR11 and LMH99

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Appendix B
Revision page

Revision No.	Date	Changes	Author	Reviewer
0	July 14, 2020	First issue	Syanson Xu	Bink Xu

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