



July 27, 2018

Ms. Gail Griffin  
Griffon Innovations, Inc.  
P.O. Box 258  
Glide, OR 97443-0258

CR#: 6532

Dear Ms. Griffin:

Please find enclosed a copy of the test report on the unit submitted for evaluation. Please check the comments section at the end of the report for notes or requested follow up.

If you have any questions, please do not hesitate to call.

Sincerely,

A handwritten signature in blue ink, appearing to read "D. Seale", is written over the typed name.

Deanna (Williams) Seale, PE  
Assistant Lab Director  
dseale@HomeInnovation.com

Enclosure

cc: K. Jerald, Accounting



**Home Innovation**  
RESEARCH LABS™

**PLASTIC LAVATORY TEST RESULTS  
SHORT SERIES REPORT**

**Manufactured By:** Griffform Innovations, Inc.  
P.O. Box 258  
Glide, OR 97443-0258

**Inspection Month:** June 2018  
**Date of Report:** 7/18/2018

**Manufacturer CR #:** 6532                      **Report Number:** 65320618341

**Date of Inspection:** 6/12/2018                      **Inspected By:** Nathan B.  
**Date of Manufacture:** 6/5/2018                      **Unit Model Style:** FL10105  
**Date Unit Received:** 6/25/2018                      **Unit Serial Number:** Not Supplied

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**Tests performed in accordance with CSA B45.5/IAPMO Z124 Plastic Lavatory Units**

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**4.0 GENERAL REQUIREMENTS**

4.0 Materials

Reinforcement – Not Supplied  
Plastic– Not Supplied  
Fillers – Not Supplied  
Pigments- Not Supplied  
Surface Finish – Smooth  
Unit Characteristics – Solid Surface Lavatory

4.1.1 Dimensional Tolerances

Manufacturer's Specified Tolerances: 1/16"  
Manufacturer's Specified Unit Dimensions: 10"x 10"x 5"  
Measured Unit Dimensions: 10" x 10" x 5 1/16"

4.1.2 Surface Finish

Fixture surfaces shall comply with clause 5.4.

**Pass**

4.1.3 Coated Parts

**N/A**

4.1.4 Different Materials

**N/A**

4.1.5 Accessible Design

**N/A**

4.2.1 Openings & Drainage

Openings and drainage shall comply with 4.2.1.1, 4.2.1.2, 4.2.1.3.

**Pass**

4.2.2 Overflows

**N/A**

4.3 Lavatories & Sinks

Lavatories and sinks shall comply with 4.3.1.1-4.3.1.3

**Pass**

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5.3	Warpage Tolerance	N/A
5.4	Surface Test Unit shall be free of cracks, chipped areas and blisters. The number of molding and other defects or blemishes shall not exceed those given in Table 1 of the referenced standard.	Pass
5.5	Subsurface Test No visual blemishes or voids larger than 1/16 of an inch in diameter shall be observed below the surface finish. Voids smaller than 1/16 of an inch in diameter observed below the surface finish shall not exceed the number detailed in the standard.	Pass
5.6	Drain Fitting Connection Test During and after the application of either 25 or 50 pounds by using a 24 inch lever arm in three radial positions, no cracks shall be observed around the drain opening.	Pass
5.7	Point Impact Load Test After the impact of a 1 1/2 inch, half-pound steel ball from a height of either 20, 24, or 36 inches as specified in the standard, no cracks or chips shall be observed in any of the surface areas tested.	Pass
5.8.7	Load Test for Lavatories Measurements recorded after removal of an applied loading of 300 pounds on two different surface areas shall not exceed 0.010 inches. No cracks shall be observed in the surface finish.	Pass
5.9	Radii Load Test	N/A
5.10	Colorfastness Test	N/A
5.16	Thermal Shock Resistance No cracking, crazing, blistering, spalling or delamination shall be observed at the conclusion of required number of cycles as specified in the standard.	Pass
5.19	Overflow Test	N/A
6.1	General The unit shall be permanently and legibly marked with the manufacturer's name or trademark and it shall be visible after installation. The marking shall comply with all applicable provisions in 6.1.	Pass
6.4	Packaging Packaging for plumbing fixtures shall be marked as detailed in 6.4	Pass

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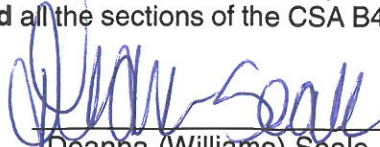
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Comments:

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The unit was not damaged during shipping and it did not appear that the unit was tampered with prior to arrival. These tests were performed under the direct and continuous supervision of laboratory personnel. The plastic lavatory, as selected, **passed** all the sections of the CSA B45.5 / IAPMO Z124 standard detailed in this report.



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Deanna (Williams) Seale, PE  
Assistant Lab Director

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