



July 25, 2016

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.

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

Sincerely,

A handwritten signature in purple ink, appearing to read "Sam Yuan", is written over the typed name.

Sam Yuan
Director of Laboratory & Certification Services

Enclosure

CC: K. Jerald, Accounting



Home Innovation
RESEARCH LABS™

**PLASTIC LAVATORY TEST RESULTS
SHORT SERIES REPORT**

Manufactured By: Griffom Innovations, Inc. **Inspection Month:** June 2016
P.O. Box 258
Glide, OR 97443-0258

Manufacturer CR #: 6532 **Report Number:** 65320616341

Date of Inspection: 6/22/2016 **Inspected By:** Nathan B.
Date Unit Tested: 7/7/2016 **Unit Model Style:** FL10105
Date Unit Received: 7/7/2016 **Unit Serial Number:** G53206163Y1
Date of Report: 7/21/2016 **Date of Manufacture:** 6/17/2016

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

4.0 GENERAL REQUIREMENTS

| | | |
|------------------------|---|-------------|
| Materials | | Pass |
| Reinforcement – | Resin/Filler | |
| Plastic– | Resin | |
| Fillers – | Alumina Trihydrate | |
| Pigments- | White/Grey | |
| Surface Finish – | Solid Surface | |
| Unit Characteristics – | Soldi Surface Lavatory | |
| 4.1.1 | Dimensional Tolerances | Pass |
| 4.1.2 | Surface Finish | Pass |
| | Fixture surfaces shall comply with clause 5.4. | |
| 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 | Pass |
| | Openings and drainage shall comply with 4.2.1.1, 4.2.1.2, 4.2.1.3. | |
| 4.2.2 | Overflows | Pass |
| | Overflows in sinks intended for food prep shall be accessible for disassembly after installation. | |

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|-------|--|------|
| 4.3 | Lavatories & Sinks | N/A |
| 5.3 | Warpage Tolerance The unit is evaluated in accordance with 5.3.1 and must meet the performance criteria in 5.3.2. | Pass |
| 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 or Lavatories | N/A |
| 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 With the waste outlet stopped, water is supplied to the fixture at the rate specified in the standard. Once the water reaches the overflow, time is started. The unit must not flood within five minutes. | Pass |
| 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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Comments:

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.



Sam Yuan
Director of Laboratory & Certification Services

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