November 20, 2019

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

RE:     CR# 6532
        Report #: 65321019041
        Kitchen Sink Short Series Certification Test Report

Dear Ms. Griffin:

Please find enclosed a copy of the test report on the specimen submitted for evaluation. Please check the comment section on the summary page for notes or requested follow up.

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

Sincerely,

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

Enclosure
TEST REPORT

KITCHEN SINK (SHORT SERIES)

Home Innovation Research Labs is accredited by IAS in accordance with ISO 17020, 17025, and 17065. The test methods within this report are included in the scope of accreditation. This report shall not be used to claim product endorsement by Home Innovation Research Labs or IAS. This Certification report may be distributed in its entirety, but excerpted portions shall not be distributed without prior written approval of Home Innovation Research Labs.

REPORT SUMMARY

Grifforn Innovations, Inc.
P.O. Box 258
Glide, OR 97443-0258

Inspection Month: October 2019
Report Date: 11/20/2019

Manufacturer CR #: 6532
Report Number: 65321019041

Inspection Date: 10/11/2019
Inspected By: Nathan B.

Manufacture Date: 10/11/2019
Unit Model Style: KRC12153

Unit Received: 10/22/2019
Unit Serial Number: Not Supplied

Unit Description: 12"x15x3" Solid Surface Kitchen Sink

Shipping damage, if any, did not influence test results. The specimen was inspected for tampering prior to arrival. These tests were performed under the direct and continuous supervision of laboratory personnel. The specimen, as selected, PASSED all of the sections of the CSA B45.5-17 / IAPMO Z124-2017 standard detailed in this report.

NOTE: ID and calibration of test devices used for the evaluation are available upon request.

Deanna (Williams) Seale, PE
Assistant Lab Director
4. General Requirements

4.1.2 Surface finish PASS
Fixture surfaces shall be free from defects to the extent specified in this Standard when inspected in accordance with Clause 5.4.

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

4.3 Lavatories and sinks PASS
Openings and mounting surfaces for supply fittings shall comply with 4.3.1.1 – 4.3.1.3.

5. Test Requirements

5.3 Warpage tolerance test PASS
The unit is evaluated in accordance with Clause 5.3.1 and must meet the performance criteria in Clause 5.3.2.

5.4 Surface examination test PASS
The specimen shall be free from cracks, chipped areas, and blisters. Other defects shall not exceed the maximums specified in Table 1 of the referenced standard.

5.5 Subsurface test PASS
There shall be no visible voids larger than 1.6 mm (0.063 in) in diameter below the original finish surface, and the maximum allowable number of voids smaller than 1.6 mm (0.063 in) for the two test areas shall be eight.

5.6 Waste fitting connection test PASS
There shall be no visible cracks in the bottom surface of the specimen.

5.7 Point impact load test PASS
There shall be no cracks or chips in the surface of the specimen when examined in accordance with Items (b) to (d) of Clause 5.4.1.

5.8.6 Load test for sinks PASS
There shall be no cracks in the surface of the specimen when examined in accordance with Items (b) to (d) of Clause 5.4.1. The maximum residual deflection after removal of the load shall not exceed 0.254 mm (0.010 in).

5.10 Colorfastness test N/A

5.16 Thermal shock resistance test PASS
Examine the specimen in accordance with Clause 5.4.1(d). There shall be no cracking, crazing, blistering or spalling, or delamination.

5.20 Knife drop test (for kitchen & bar sinks only) PASS
The specimen shall not show any cracks or fractures in accordance with Clause 5.4.1(d).

5.21 Skillet drop test (for kitchen sinks only) PASS
The specimen shall not show any cracks or fractures in accordance with Clause 5.4.1(d).

5.22 Vibration test (for kitchen sinks only) PASS
The specimen shall be examined for cracking and fractures in accordance with Items (b) to (d) of Clause 5.4.1 and shall not show any cracks or fractures.

5.23 Heated pan test (for kitchen sinks only) N/A

5.24 Hot wax test (for kitchen sinks only) N/A

6. Markings

6.1 General PASS
Plastic plumbing fixtures shall be marked with the manufacturer’s name or registered trademark. Markings shall be permanent, legible, and visible after installation. The marking shall comply with 6.1.1-6.1.4.

6.4 Packaging PASS
Packaging for plumbing fixtures shall be marked as detailed in 6.4.