



TEST REPORT

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Report Number: 2172-15002

Report Issued: October 21, 2015

Project No.: 25384-002

Client: H2O Degree
3580 Progress Drive, Suite L
Bensalem, Pennsylvania, 19020

Contact: Richard Whiffen

Source of Samples: The sample was sent by H2O Degree and received by IAPMO R&T Lab in good condition on August 26, 2015.

Date of Testing: October 19, 2015.

Sample Description: Flow meter (H2O Degree part number M10100, SIKA part number VTY 10K5-30-1)

Scope of Evaluation: The purpose of the evaluation/testing was to determine whether the samples evaluated / tested met the requirement of NSF/ANSI 372-2011, entitled “Drinking Water System Components-Lead Content”.

Conclusion: **The sample evaluated/tested of the Flow meter (H2O Degree part number M10100, SIKA part number VTY 10K5-30-1) from H2O Degree met the requirements of NSF/ANSI 372-2011.**

By our signatures below we certify that all evaluation, testing and sample preparation for this report was performed under continuous, direct supervision of IAPMO R&T Lab, unless otherwise stated.

Tested by,

Reviewed by,

Nguyen Tran, Test Technician

Michael N. Briggs, Manager, Analytical Lab

Primary Standard: NSF/ANSI 372-2011, Sections tested / evaluated:

- Section 3 General Requirements
- Section 4 Weighted Average Lead Content Calculations
- Section 5 Percentage Lead Content of Water Contact Surfaces

Test Results: All tests and evaluations were conducted per the written procedures specified in the standard.

NSF/ANSI 372-2011

Section 3 General Requirements

Solder and Flux – NOT APPLICABLE

No solder and flux was used.

3.1 All components $\leq 0.25\%$ – COMPLIED

3.2 Any components $> 0.25\%$ – NOT APPLICABLE

Wetted metal components and non-metal components with more than 10% total wetted surface area

Component	Material	Supplier	Manufacturer / Supplier Stated % Lead Content	IAPMO R&T Lab Findings % Lead Content in Material
Turbine body	Noryl GFN3V-801	SIKA	0.00%	0.00%
Rotor	Sabic Noryl CFN3V-73701	SIKA	0.00%	0.00%
Magnet	Hard ferrite HF26/24	SIKA	0.00%	0.01%
Shaft	Stainless steel 1.4305	SIKA	0.00%	0.00%

Lead content of each material was determined by XRF.

Note: As per the procedures in Sections 6 and 7 of the standard, all non-metal components (with wetted surface area 10% or less) were screened as no lead expected.

Section 4 Weighted Average Lead Content Calculations – NOT APPLICABLE

Section 5 Percentage Lead Content of Water Contact Surfaces – COMPLIED/FOLLOWED

5.1 Liners – When lead bearing surfaces have been excluded from water contact by use of rigid liner sealed with a permanent barrier, the lead content of the liner shall be used. No liner was used.

5.2 Coatings – When coatings are used, the lead content of the coated substrate was used in the calculation of the weighted average lead content. No coating on surface sample.

5.3 Lead removal technologies – When lead removal technology is used, the percent lead composition was based on the material used to manufacture the component prior to application of the surface treatment. No lead removal technology is used.