



AVK Gate Valves New Low Lead Legislation and ANSI/NSF 61 – Annex G Certificate of Compliance

Background

In January 2010, California Law AB1953 went into effect. This law requires that the weighted average of the wetted surface of the component used in a drinking water distribution system must be less than a 0.25% lead content. This law applies to any pipe, fitting, or fixture intended to convey or dispense water for human consumption through drinking or cooking (Fire hydrants are not considered as conveying water for human consumption). A similar law was enacted in Vermont and also took effect January 1, 2010.

ANSI/NSF Standard 61 was revised in December 2008 to establish requirements for use when a 0.25% lead content requirement needs to be met in addition to current chemical extraction requirements of the standard. The requirements were placed in *Annex G - Weighted Average Lead Content Evaluation Procedure to a 0.25% Lead Requirement*. In addition, mandatory language placing restrictions on the use of lead as an intentional additive in water contact materials was also added to Section 3 of NSF 61.

Annex G contains less than 0.25% weighted average lead content requirements. Compliance is determined by a weighted average calculation involving the maximum percent lead content of material specifications and wetted surface areas. Full compliance with ANSI/NSF 61 is also required to comply with Annex G. NSF also developed ANSI/NSF 372 which has the lead requirements of Annex G, but does not require compliance with ANSI/NSF 61.

On January 4th, 2011 Senate Bill S.3874 was signed into law revising the definition for “lead free” within the Safe Drinking Water Act (SDWA) as it pertains to “pipe, pipe fittings, plumbing fittings, and fixtures.” The changes are due to go into effect 36 months after the date enacted, which is January 4, 2014. The revisions to the SDWA require that these products will need to meet a weighted average lead content of 0.25%. Evaluations to ANSI/NSF 61, Annex G or ANSI/NSF 372 provide evidence of compliance to the requirement. As Section 3.5 of ANSI/NSF 61 requires that products comply with the lead-free requirements of the SDWA, all ANSI/NSF 61 products falling into the scope of the legislation will be required to comply with the new 0.25% lead content. The NSF compliance date has been set to the U.S. federal compliance date.

Although California AB1953 and subsequent legislation have exemptions for water main gate valves, American AVK decided the correct action was to comply with the laws as a demonstration of good stewardship for public health and the environment.

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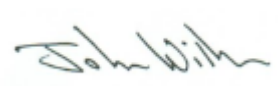
Expect... The AVK logo, consisting of the letters 'AVK' in a bold, blue, stylized font.

Certification

This letter is to certify that American AVK Series 18, Series 25, Series 45, Series 55, and Series 66 resilient wedge gate valves, both NRS and OS&Y, manufactured by AVK are in full compliance with ANSI/NSF 61 and ANSI/NSF 61-Annex G. The certifying body used by American AVK is Underwriters Laboratories (UL). The certification number provided by UL is FDNP.MH45907.

Contact American AVK for more information.

On behalf of American AVK,



John Wilber

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American AVK Company