



## Joint Committee on Drinking Water Additives – System Components

July 30, 2024

### **Proposed revision to NSF/ANSI/CAN 61 – Drinking Water System Components – Health Effects (61i188r1)**

Revision 1 of NSF/ANSI/CAN 61, issue 188 is being forwarded to the Joint Committee for consideration. Please review the proposal and **submit your ballot by August 20, 2024** via the [NSF Online Workspace](#).

Please review all ballot materials. When adding comments, please include the section number applicable to your comment and add all comments under one comment number whenever possible. If you need additional space, please use the attached blank comment template in the reference documents and upload online via the browse function.

#### **Purpose**

The proposed revision will add a new definition for end-point control valve in Section 2.

#### **Background**

This ballot is the result of a Request for Interpretation submitted to the JC regarding the proper evaluation of thermostatic mixing valves (TMVs) under NSF/ANSI/CAN 61.

The addition of a definition for Endpoint Control Devices clarifies that control valves, listed in 9.1.1 as being within the scope of Section 9, includes devices such as TMVs. It also clarifies that TMVs intended to be installed within the last liter of the plumbing system, such as those certified to ASSE 1069 and ASSE 1070, are endpoint devices to be evaluated under Section 9. TMVs intended to be installed early in the system, such as those certified to ASSE 1017, would be more appropriately evaluated under Section 8 (note that ASSE 1017 does not require evaluation to NSF/ANSI 61 but NSF/ANSI 61 does not preclude their evaluation).

The definition proposed was formulated after review of several technical sources including the ASSE Plumbing Dictionary, the UPC, IPC and NPC.

It was agreed that specifically listing TMVs or temperature limiting devices under 9.1.1 was not necessary as this was adequately covered by the listing of Endpoint Control Valves within 9.1.1 along with the addition of the definition to Section 2.

If you have any questions about the technical content of the ballot, you may contact me in care of:

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A handwritten signature in blue ink, appearing to read "France Lemieux", with a stylized, flowing script.

France Lemieux, Chair  
Joint Committee on Drinking Water Additives – System Components  
c/o Amy Jump, Joint Committee Secretariat  
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[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by **grey highlighting**. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI/CAN Standard  
for Drinking Water Additives –

## Drinking Water System Components – Health Effects

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### 2 Definitions

Terms used in this standard that have a specific technical meaning are defined here.

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**2.X end-point control valve:** a valve, typically installed within the last liter of the distribution system, intended to control a variable, such as flow, temperature, and pressure in order to maintain the variable within a required operating range.

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*Rationale: This ballot is the result of a Request for Interpretation submitted to the JC regarding the proper evaluation of thermostatic mixing valves (TMVs) under NSF/ANSI/CAN 61.*

*The addition of a definition for Endpoint Control Devices clarifies that control valves, listed in 9.1.1 as being within the scope of Section 9, includes devices such as TMVs. It also clarifies that TMVs intended to be installed within the last liter of the plumbing system, such as those certified to ASSE 1069 and ASSE 1070, are endpoint devices to be evaluated under Section 9. TMVs intended to be installed early in the system, such as those certified to ASSE 1017, would be more appropriately evaluated under Section 8 (note that ASSE 1017 does not require evaluation to NSF/ANSI 61 but NSF/ANSI 61 does not preclude their evaluation).*

*The definition proposed was formulated after review of several technical sources including the ASSE Plumbing Dictionary, the UPC, IPC and NPC.*

*It was agreed that specifically listing TMVs or temperature limiting devices under 9.1.1 was not necessary as this was adequately covered by the listing of Endpoint Control Valves within 9.1.1 along with the addition of the definition to Section 2.*