

**ICC 815 Sizing Water Distribution, Drainage and
Venting Standard Consensus Committee (IS-SWDDV)**

Meeting 19 - Minutes

September 16, 2024

Chair: Gary Klein

Vice Chair: Philip Parisi

Secretariat- Ramiro Mata

Meeting 19 of the ICC 815 Sizing Water Distribution, Drainage and Venting Standard Consensus Committee (IS-SWDDV) was held on September 16, 2024, in virtual format. Meeting 18 was cancelled due to scheduling conflicts. The meeting was conducted in accordance with ICC's Consensus Procedures. https://www.iccsafe.org/wp-content/uploads/ICC-Consensus-Procedures-ANSI-approved-8_2_21-BOD-apprvd-8_27_21.pdf

1. Welcome – Chairman, Gary Klein, convened the meeting and welcomed attendees at 2:04pm Eastern time along with Staff Secretariat, Ramiro Mata. Mata reminded attendees about the ICC Code of Ethics and the Anti-Trust Policy, both of which can be found on the ICC 815 (IS-SWDDV) webpage. Mata also announced that the meeting will be recorded for internal reference only and that recording by anyone other than ICC staff is prohibited.
2. Roll Call – Klein called the meeting to order with a roll call of ICC 815 (IS-SWDDV) committee members – Symbol ☒ indicates present, ☐ indicates absent.

Committee Members

Regulator		User		Manufacturer		Builder	
<input checked="" type="checkbox"/>	Jim Richardson	<input checked="" type="checkbox"/>	Esber Andiroglu PhD, PE	<input checked="" type="checkbox"/>	Marcus Elmer	<input checked="" type="checkbox"/>	Dan Buuck
<input checked="" type="checkbox"/>	Richard Grace	<input checked="" type="checkbox"/>	Gary Klein	<input type="checkbox"/>	Dave Parney		
<input type="checkbox"/>	Terry Haughn	<input checked="" type="checkbox"/>	John Lansing	<input checked="" type="checkbox"/>	Lance MacNevin PE		Consumer
<input checked="" type="checkbox"/>	Ross Wakefield	<input type="checkbox"/>	Philip Parisi Jr. PE	<input checked="" type="checkbox"/>	Kyle Thompson PE	<input type="checkbox"/>	Tim Keane
		<input type="checkbox"/>	Tom Wise				SDO/Test Lab
						<input checked="" type="checkbox"/>	Kathryn (Katie) Foster

ICC Staff – None

Interested Parties and Guests –David Nickelson, Michael Cudahy, Lavanya Muttayan, Daniel Pierce, Jeremy Williams

3. Quorum and Membership Review - With ten committee members in attendance, Mata announced the threshold for quorum was met.
4. Approval of Meeting 17 Minutes from July 18, 2024 – Moved by MacNevin, seconded by Thompson. Motion Approved. Meeting 18 was cancelled.
5. Approval of Meeting 19 Agenda – Motion by Lansing, seconded by Richardson. Approved
6. Research Update – Andiroglu

- a. Phase II Supply
 - i. The Influential Factors Investigation, which identifies factors contributing to water demand based on geographic locations and demographics, is nearly complete. Plan is to present findings at the annual conference.
 - ii. An agreement has been executed between the University of Miami and a data source, granting access to valuable water demand data.
 - iii. Two data collection sites were discussed: a campus housing unit and a potential private developer site.
 - iv. Existing data from Seattle and another location, covering 60-unit low-income senior living and 384 apartments respectively, will be analyzed.
- b. Phase I DWV – No update
- 7. Working Groups – Meeting Updates and Work Plans
 - a. Measurement – Lansing
 - i. The group is focusing on multifamily residential properties, excluding commercial properties.
 - ii. Gray Star, a large property manager, has offered properties for data collection.
 - iii. The group is finalizing plans for data collection, including device selection and access permissions.
 - b. Water Service – Wise – No report. The working groups most recent discussion focused on a spreadsheet created by Wise which lists plumbing components and asks for metrics which impact pipe sizing.
 - c. DWV – Lansing
 - i. Identifying peak drainage flow in the system is a primary focus.
 - ii. Analyzing airflow relationships within drains is being considered.
 - iii. The group aims to protect traps from exceeding 400 Pa pressure differentials and maintain proper scouring forces.
 - d. Rosetta Stone – MacNevin
 - i. The project has been renamed to International Encyclopedia of Plumbing (IEP).
 - ii. The ICC IT department will be involved in developing the database, pending approval of a project charter. Mata to develop the initial draft and send to MacNevin for review.
 - iii. The committee discussed the potential for including multiple languages and allowing user contributions, similar to Wikipedia or Urban Dictionary.
 - iv. The importance of including images alongside definitions was emphasized.
 - v. The committee agreed to start expanding the current draft by adding more terms, definitions, and images from various countries and languages.
- 8. Review of Action Items
 - a. Review initial draft of Phase I DWV literature review – ICC 815 Committee – Committee was reminded to review the report. Klein suggested scheduling a meeting with DWV WG Chair, Lansing, to discuss.
 - b. Develop Working Group Work Plans – WG Chairs
 - c. Develop initial draft for IEP charter – Mata
- 9. New Business

10. Old Business
11. Next Meeting – October 19, 2024, at 1pm-3:30pm Central (2pm-4:30pm Eastern). NOTE: This will be a hybrid meeting. Those attending in-person will meet at the Long Beach Convention Center and those attending virtually will use the link provided in the Teams invitation.
12. Adjournment – Meeting adjourned at 3:04pm Central (4:04pm Eastern)