



# **IAPMO Code Development**

**Uniform Plumbing Code (UPC®)**



AN AMERICAN NATIONAL STANDARD  
IAPMO/ANSI UPC 1 - 2015

# 2015 UNIFORM PLUMBING CODE®



## ANSI Process features:

- Maximum participation of diverse interests
- Safe & sanitary plumbing balanced with innovation & new technology
- Public input

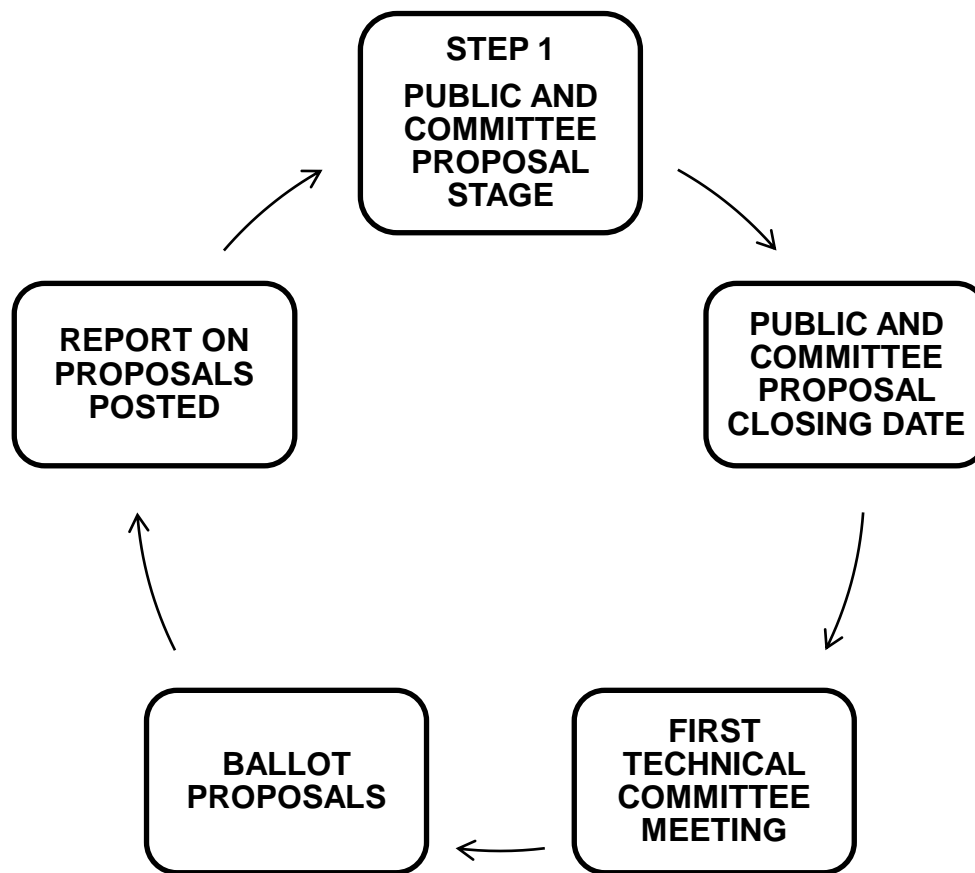


## Broad support:

- American Society of Sanitary Engineers
- Mechanical Contractors Assn. of America
- Plumbing, Heating & Cooling Contractors
- United Association
- World Plumbing Council



## THE STANDARDS DEVELOPMENT PROCESS



Consensus & membership/public participation are fundamental to process:

- Provide input
- Debate
- Raise concerns
- Offer amendment
- Vote

# **Technical Committee:**

- **Manufacturer**
- **User**
- **Installer or Maintainer**
- **Labor**
- **Research, Standards, Testing Laboratory**
- **Enforcing Authority**
- **Consumer**
- **Special Expert**

2021 UPC – TC: Tim Collings (Chair)

- 28 members (15 alternates)
- Balanced from all 8 classifications
- Non-voting staff & standards



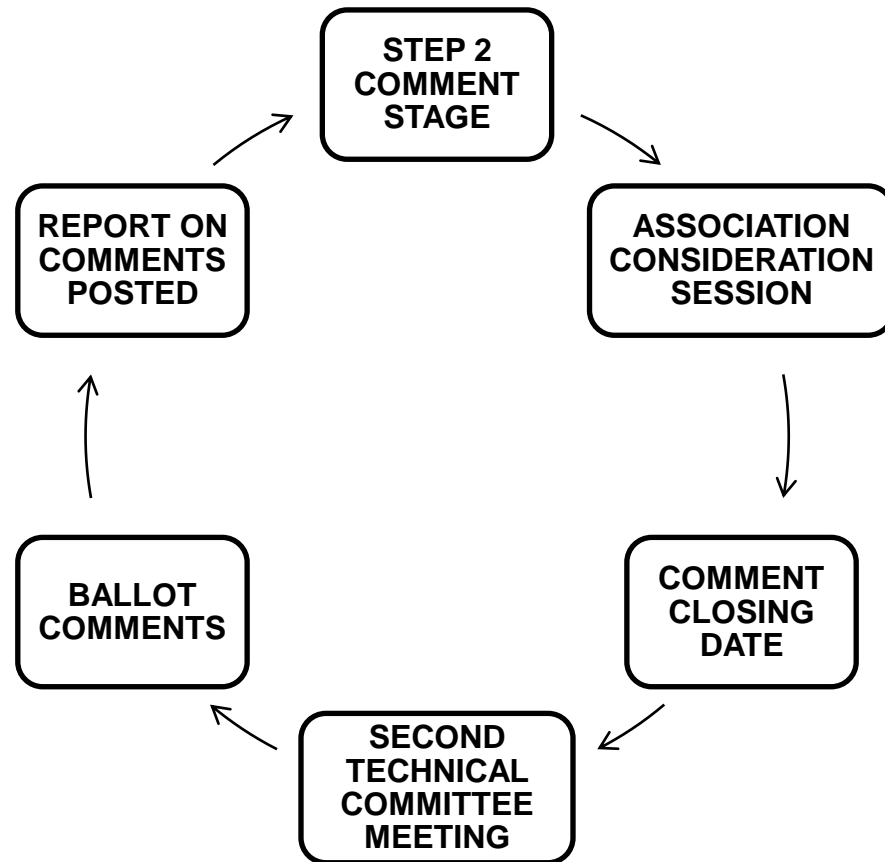


## Standards Council: Linden Raimer (Chairman)

- 9 Members
- Non-voting staff

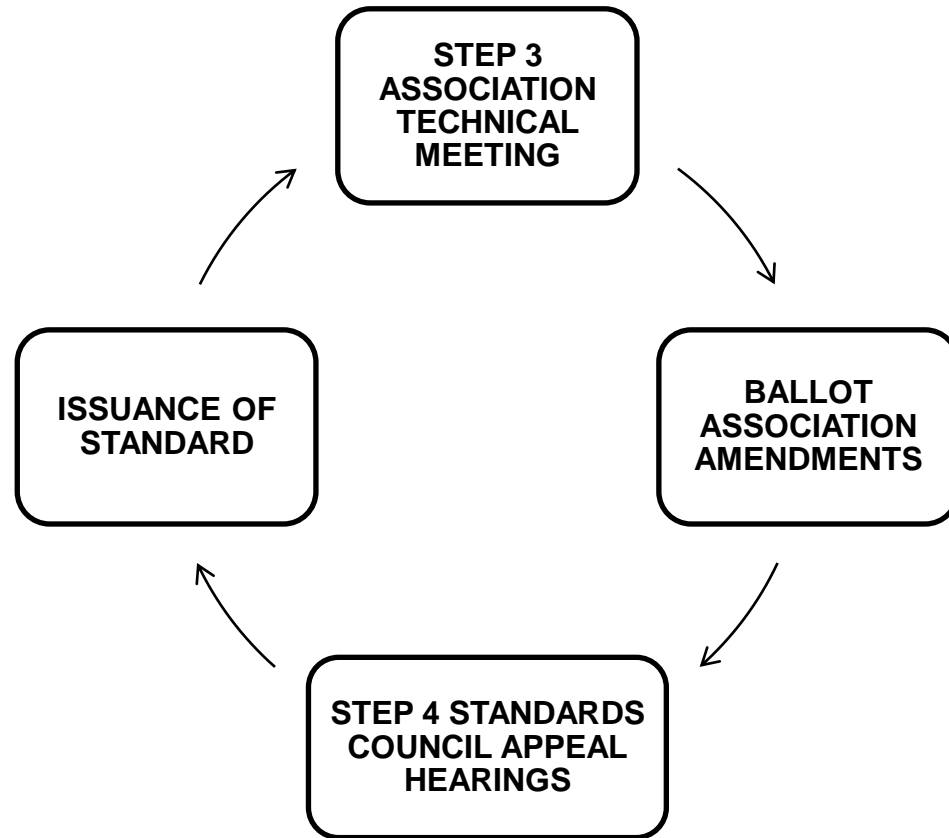


## THE STANDARDS DEVELOPMENT PROCESS



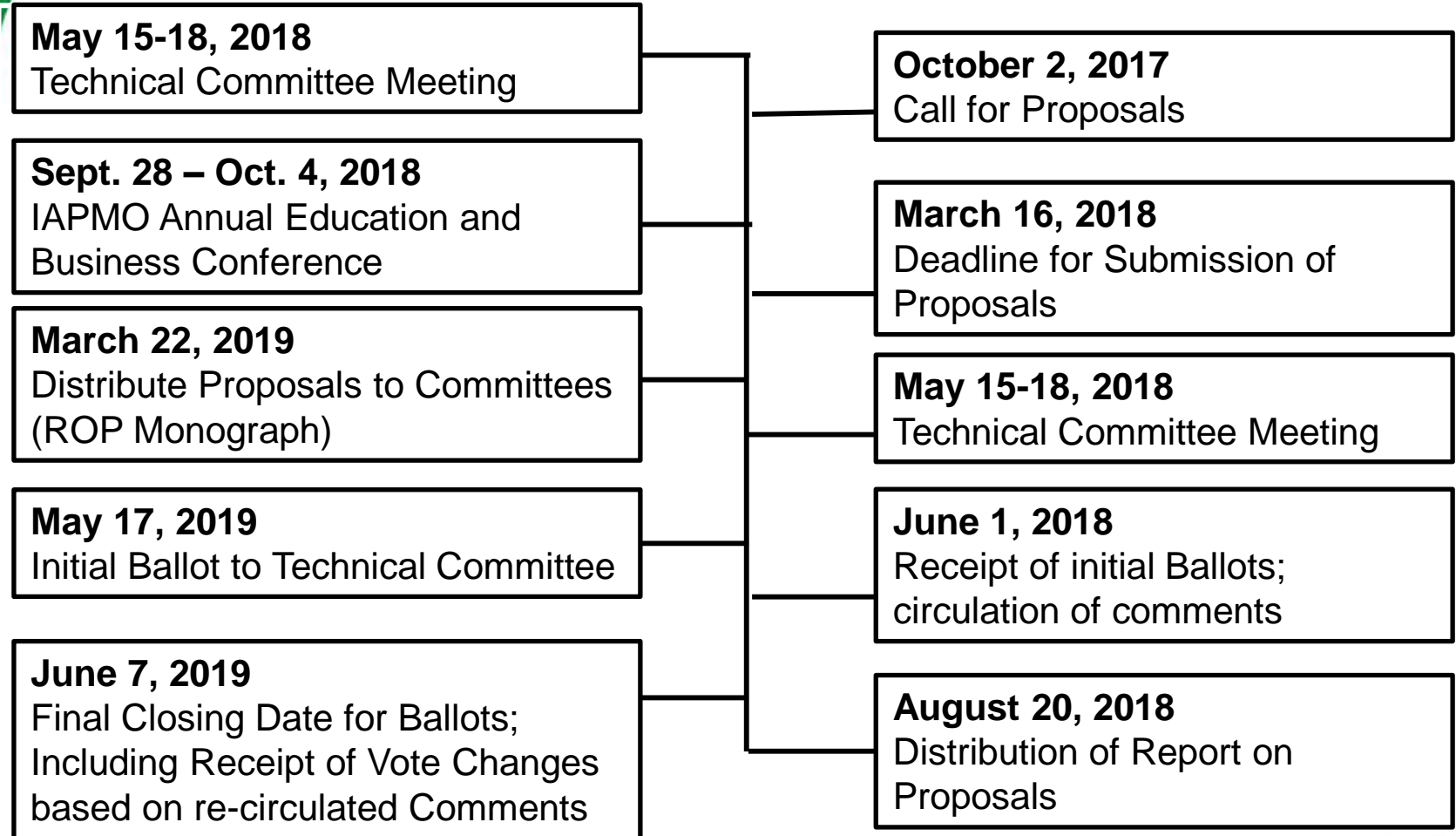


## THE STANDARDS DEVELOPMENT PROCESS



# Code Development Timeline

## Call for Proposals



The end product:

- Even when IAPMO is finished with its exhaustive ANSI process, the UPC is rarely in its final state!
- Local amendments occur:
  - State
  - Regional
  - Municipality

## Why?

- Statutes
  - Scope
  - licensing
- Regional or climatic factors
- Specific needs of local authority
  - Types of industry
  - Enforcement mechanisms

## “Real World” considerations:

- Code is only a minimum standard
- Code generally is concerned only with “construction”
- Solids & interceptors
- Effluent temperature
- Maintenance?
- “Criminal” behaviour

## **Oregon:**

- 2017 OPSC based on 2015 UPC®
- Implemented 1 October, 2017
- Considerable involvement from FOG stakeholders
- Several amendments brought forward and adopted; some not...
- Next (minor) code cycle 2020



## **Idaho:**

- 2017 ISPC based on 2015 UPC®
- Implemented 1 January, 2018
- Chapter 10 Grease Interceptors essentially unchanged from model code
- Next cycle? Long way out – 2023...

## **Washington:**

- 2017 code based on 2015 UPC®
- Implemented 1 July, 2017
- Chapter 10 Grease Interceptors essentially unchanged from model code

## **Washington** (continued):

- Next code cycle opens January 2019
- Technical Advisory Groups (TAG) will be formed
- Code amendment proposals accepted
- Deliberation over model code & amendments
- Code adoption

## **Montana:**

- Code adoption cycle now underway
- 2018 UPC® is under consideration for base model code
- Initial “Listening Sessions” took place in major cities February/March 2018

## **Montana** (continued):

- Building Codes Advisory Council
- Department prepares Rules Proposal
- Rules (public) Hearings Process
- Code adoption anticipated for fall 2018

## **California:**

- Next code cycle now underway
- 2018 UPC® under consideration
- Code adoption of the 2019 California Plumbing Code, will be implemented January, 2020



## **Alaska:**

- Next code adoption cycle may begin later this year
- Will consider 2018 UPC®

**Utah:** adopts I-codes wall to wall

**Arizona:**

- City by city code adoptions
- Other than Phoenix which adopts both UPC® and IPC both, most cities adopt I-codes





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