



American Concrete Institute

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Meeting Agenda

ACI Committee 445-0E - Shear & Torsion-Torsion

Online

Monday October 18th 2021, 1:00 pm – 2:30 pm EDT

Mission: *To develop and report information on the analysis and design of structural concrete members subjected to torsion in combination with shear, bending, and/or axial force.*

Goals: *1. Support 445 and 318-E on issues involving torsion 2. Maintain report on Torsion in Structural Concrete (445.R-12) 3. Sponsor technical sessions to disseminate the subcommittee work*

Committee Members

Gary Greene
Eva Lantsoght
Mohammad Ashrafy
Abdeldjelil Belarbi
Lennart Elfgren
I-Kuang Fang
Thomas Hsu
Deuckhang (DK) Lee

Akram Shakir Mahmoud
Yi-Lung Mo
Giorgio Proestos
Khalidoun Rahal
Julio Ramirez
Lesley Sneed
Andor Windisch

1. Administrative [5 min]

- 1.1. Welcome and introduction
- 1.2. Review and approval of agenda
- 1.3. Approval of the previous meeting's minutes

Note: Requires 7 voting members present.

2. Strategic Planning and Discussion [10 min]

- 2.1. Membership
- 2.2. Review of mission
- 2.3. Review of goals

3. Old Business [55 min]

- 3.1. 445.1R Report on Torsion in Structural Concrete [45 min]

Always advancing

- Notification of reapproval
- proposed TOC + changes
- Volunteers for these changes
- Timeline:
 - February 1st 2022: send proposed revisions and additions to Gary and Eva
 - February 21st 2022: Eva and Gary send compiled file to committee for review prior to convention
 - March 3rd 2022: deadline for sending comments on compiled file
 - March 27-31 2022: Spring convention – present status of document to 445-main for basic comments
 - April 21st 2022: deadline to implement overall comments from 445-main
 - May 2022: subcommittee ballot on the document
 - June – September: address 445-E ballot comments
 - October 2022 ballot 445-main level
 - November 2022: 445-main ballots ready
 - January 21st 2023: have 445-main comments implemented
 - ACI's deadline May 2024

3.2. 445.23 Shear & Torsion document: contribution from 445-E [10 min]

Chapter 5 of ACI 445.23. Update from Gary Greene and Giorgio Proestos.

4. New Business [15 min]

4.1. Future work of the committee

4.1.1. 445 and 318-E issues involving torsion

Update from DJ Belarbi.

4.1.2. Torsion database

Update from K Rahal.

5. Adjournment [5 min]

Next meeting – Monday March 28th 1pm – 2:30pm, Orlando, FL.