



American Concrete Institute

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Meeting Agenda

437 Strength Evaluation of Existing Concrete Structures

Orlando, FL and the Internet

March 28, 2022 - 10:30am to 12:30 pm Eastern Standard Time

Mission: *Develop and report information on evaluation of strength of existing concrete structures.*

Committee Members

| | |
|---------------------------------|------------------|
| Aaron Larosche (Chair) | John Fraenhoffer |
| Mohamed ElBatanouny (Secretary) | Nestore Galati |
| Diego Arabbo | Pawan Gupta |
| Nick Carino | Jason Johnson |
| Paolo Casadei | Ashok Kakade |
| Danielle Kleinhans | Andrew Krauklis |
| Paul Ziehl | Faizul Mohee |
| Thomas Nehil | Gustavo Tumialan |
| Jeffery West | |

Invited Guests

| | |
|-------------------------------|-----------------|
| Wassim Ghannoum (TAC Contact) | Marco Arduini |
| JoAnn Browning | Grant Halverson |
| Dirk Heidbrink | Chuck Larosche |
| Habib Alabideen | Daniel McCarthy |

Guests

TBD

1. Administrative

1.1. Introductions

Provide Name and Affiliation

1.2. Previous Meeting's Minutes

Minutes Posted on Committee Website

1.3. Actions since last convention meeting

Receipt of Public Comments March 17, 2022 - Attached

1.4. Membership

Membership Changes – M. ElBatanouny

New fellow – P. Ziehl

TAC Contact – Wassim Ghannoum

1.5. ACI Changes to Code Committees

ACI is considering changes to membership of code committees - A. Larosche

2. Old Business

Ongoing document work 437.1 and 437.2, interactions with 318-C and 437-0A Test database, and work with ACI 350

2.1. 437.2

Discussion and resolution of public comments

2.2. Progress of 437.1

J. West, M. ElBatanouny, D. Arabbo, N. Carino, N. Galati, F. Masetti

2.3. Interactions with ACI 318-C

J. Fraunhoffer, C. Larosche, N. Galati, J. West, G. Tumialan, K. Keser (if present)

2.4. Test Database Update

M. ElBatanouny

2.5. Coordination with ACI 350

F. Masetti

3. New Business

3.1. Review of high strength concrete

Looking to review the applicability of our code to strengths (f'_c) of 8ksi and larger.

3.2. Review new business from TAC Responses

Review definitions of loads in 437.2 and 318

Review new document ACI 444 for future incorporation

4. Committee Liaison Reports

4.1. ACI TRRC – A. Larosche

4.2. ACI 562 (Repair Code) – Several Members

4.3. ACI 444 (Structural Health Monitoring) – M. ElBatanouny, P. Ziehl

4.4. ACI 435 (Deflections) – A. Larosche

5. Adjournment

The next in-person meeting is currently scheduled for Monday October 24, 2022, in Dallas, TX.

Document: ACI CODE-437.2 Load Testing of Concrete Structures (ACI 437.2)--Code Requirements and Commentary

| Ther comm entsN o. | Public Commenter Name | Pg # | Line # | Public Comment |
|---------------------------------------|------------------------------|-------------|---------------|---|
| 1. | James E. Klinger | 12 | 395 | Suggest changing "either 4.7 or 4.8" to "either monotonic or cyclic test protocols" |
| 2. | Luis Estenssoro | | 106 | Since this procedure cannot be used for fatigue and lateral loads: Add: This procedure is only for static, gravity loads. |
| 3. | Luis Estenssoro | | 126 | What is "safety" requirements? - Change to : "strength" requirements. The word "safety" appears at several other places. You need to define "safety". |
| 4. | Luis Estenssoro | | 152 | What about structures governed, in part or mainly, by torsion? |
| 5. | Luis Estenssoro | | 156 | Capitalize "code" |
| 6. | Luis Estenssoro | | 176 | Why not snow or water ponding? This Code is no good for roofs? |
| 7. | Luis Estenssoro | | 300 | Define "tension controlled". |
| 8. | Luis Estenssoro | | 329 | Is the word "recommend" the appropriate word for a Code document, even if it is in the Commentary? |
| 9. | Luis Estenssoro | | 338 | Change "buildings" to "structures" ?? |