

**301 Web Meeting 40 Minutes, May 27, 2015**

The meeting was called to order at 10:05 am CDT. The following were in attendance:

**Voting members**

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| Jim Cornell, Chair         | Charles Hanskat  |
| Michelle Wilson, Secretary | Steven Jaycox    |
| Jon Ardahl                 | Colin Lobo       |
| Roger Becker               | Frank Malits     |
| Nick Carino                | Calvin McCall    |
| Domingo Carreira           | David Nau        |
| Teck Chua                  | Aimee Pergalsky  |
| Anthony DeCarlo            | Michael Robinson |
| Christopher Ferraro        | Scott Tarr       |
| Sidney Freedman            | Daniel Toon      |
| John Gajda                 | John Turner      |
| David Gustafson            | Miroslav Vejvoda |

**Non-voting members**

Michael Hernandez

**ACI Staff**

Barbara Coleman

**LB 15-01**

**Resolution of LB 15-01 Response to TAC**

Item 9, Ref 448, negative by Lobo and McCall. There was a motion made by Gajda and seconded by Hanskat to find the voters persuasive and to revert back to existing language and change response to TAC. The motion passed by a vote of 20-0-0.

<p><b>8.1.1 Scope</b>—This section covers requirements for mass concrete as designated in Contract Documents.</p>	<p><b>MANDATORY</b> Designate portions of structure to be treated as mass concrete. Concrete placements where maximum temperatures and temperature differences must be controlled due to factors including the content, and type of cementitious materials, environment surrounding placement, and minimum dimension of placement should be designated mass concrete. Evaluate the requirements for each portion of project. In general, a placement of structural concrete with a minimum dimension equal to or greater than 4 ft should be considered mass concrete. Similar considerations should be given to other concrete placements that do not meet this minimum dimension but generate high heat at early ages such as concretes that contain Type III cement, accelerating admixtures, or have high cementitious materials contents <del>such as greater than 660 lb/cy.</del></p>	<p><b>RESPONSE TO TAC</b> <b><u>Not Accepted.</u></b> <b><u>Substantive Change.</u></b>  <u>The issue of suggesting cementitious content was discussed considerably and it was decided by the committee that no number should be included.</u> <u>Even though this is considered as guidance in the checklist, it can be taken literally to tag concrete members, regardless of dimension, to be mass concrete – and trigger all the requirements in Section 8.</u></p>
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	<p>Consideration should also be given to placements that trap heat such as where heat in soil does not allow placement to cool or in stacked placements with too little time provided for adequate heat dissipation. Refer to ACI 207 for further guidance.</p>	
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Item 8, Ref 455, negative by Lobo and editorial by Carino. There was a motion made by Gajda and seconded by Hanskat to find the voter persuasive and to accept a substantive change. The motion passed by a vote of 21-0-0.

<p><b>7.2.2.1 Density</b>—Proportion lightweight concrete to meet <del>the specified</del> equilibrium density <u>specified in the Contract Documents. Unless otherwise specified, -C</u> calculate the approximate equilibrium density of mixture from <u>measured or</u> calculated oven- dry density in accordance with ASTM C567/C567M, <del>unless another method is specified to determine equilibrium density.</del> Correlate equilibrium density with fresh density of concrete. Fresh density will be used as the basis for acceptance during construction.</p>	<p><b>MANDATORY</b> Specify equilibrium density for lightweight concrete.</p> <p><b>OPTIONAL</b> Specify alternative method of determining equilibrium density if other than calculated method in ASTM C567/C567M.</p>	<p><b>RESPONSE TO TAC</b></p> <p><b>Accepted.</b> <b>Substantive Change.</b></p>
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Item 9, Ref 456, negative by Malisch was tabled.

Item 4, Ref 216 and 217, negatives by Carino, McCall, and Malisch. McCall withdrew his negative. There was a motion made by Turner and seconded by Malits to find Malisch persuasive and to accept a substantive change and change response to TAC. The motion passed by a vote of 21-0-2.

<p><b>3.3.2.5 Welded wire reinforcement</b>—<del>For slabs on ground, extend welded wire reinforcement to within 2 in. of concrete edge, but not less than required cover. Lap splice edges and ends of welded wire reinforcement sheets as indicated in Contract Documents. Unless otherwise specified, do not extend welded wire reinforcement through control movement joints. Place, s</del> Support, <del>and secure</del> welded wire reinforcement in accordance with CRSI RB4.1 to maintain positioning <del>in slab</del> during concrete placement.</p>	<p><b>OPTIONAL</b></p> <p><del>If welded wire reinforcement sheets are to be used, specify method of lapping at edges and ends of sheets. Specify where welded wire reinforcement may extend through control joints, including saw cut joints.</del></p>	<p><b>RESPONSE TO TAC</b></p> <p><b>Not Accepted.</b> <b>Substantive Change.</b> <del>Committee will take up coordination as new business in next cycle.</del></p> <p><b>Accepted Editorial.</b></p>
<p><b>3.3.2.5.a Welded wire reinforcement in slabs on composite steel deck and slabs on ground</b>—<u>Reinforcement shall be placed into position prior to concrete placement. Unless otherwise specified, do not extend welded wire reinforcement through movement joints. Unless otherwise specified, support reinforcement to maintain vertical location of reinforcement within 1 in. below and 3/4 in. above specified location. Reinforcement</u></p>	<p><b>OPTIONAL</b></p> <p><u>Specify location and alternative tolerances for reinforcement. Specify where welded wire reinforcement may extend through movement joints, including sawcut joints. Specify alternative method of lapping at edges and ends of welded wire reinforcement. Refer to WRI</u></p>	

<p><u>nearest edge of slab shall be no farther from edge of slab than greater of specified cover or 2 in. Unless otherwise specified, overlap parallel wires at edges of reinforcement not less than 2 in.</u></p>	<p><u>Manual of Standard Practice for additional guidance.</u></p>	
<p><u>3.3.2.5.b. Welded wire reinforcement in elevated formed slabs, slabs on non-composite steel deck, and members not covered in 3.3.2.5.a— Use sheets of welded wire reinforcement. Place and support reinforcement before concrete placement to maintain location within tolerances indicated for non-prestressed reinforcement in ACI 117. Lap splice edges and ends of welded wire reinforcement sheets as indicated in Contract Documents.</u></p>	<p><b>MANDATORY</b> <u>Specify method of lapping at edges and ends of wire reinforcement.</u></p>	

Item 7, Ref 409, negative by Carino was tabled.

Item 12, Ref 530, negative by Krauser. There was a motion made by Tarr and seconded by Hanskat to find the voter persuasive and to accept a substantive change. The motion passed by a vote of 23-0-0.

<p><b>11.3.8</b> <i>Liquid surface densifier</i>—If <b>required specified</b>, apply liquid surface densifier in accordance with manufacturer’s recommendations. If applied after curing period, remove curing cover or curing compound, allow slab surface to air-dry for at least 7 <u>days</u>, and apply product.</p>	<p><b>OPTIONAL</b> Specify if a liquid surface densifier is required.</p>	<p><b>RESPONSE TO TAC</b> <b>Accepted.</b> <b>Substantive Change.</b></p>
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**LB 15-02**

**Resolution of LB 15-02 Response to TAC**

Item 23, Ref 61, negative by McCall. There was a motion made by Jaycox and seconded by Hanskat to find the McCall persuasive and to revert back to original language and change response to TAC. The motion passed by a vote of 22-0-0.

<p><b>1.3—Definitions</b> <u>defective Work—construction or material that does not comply with Contract Documents.</u></p> <p><b>1.6.1 General</b>—Concrete materials and operations may be tested and inspected by Owner as Work progresses. Failure to detect <u>defective noncompliant</u> Work <u>or material</u> will not prevent <u>later</u> rejection if <u>a defect noncompliant Work is</u> discovered <u>later</u> nor shall it obligate Architect/ Engineer for final acceptance.</p>		<p><b>RESPONSE TO TAC</b> <b><u>Not Accepted.</u></b> Committee prefers existing language and provided definition for “defective”.</p> <p><b><u>Substantive Change.</u></b> <b><u>In this case we accept that change is needed, but we do not use the exact words suggested.</u></b></p>
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Item 39, Ref 111, negative by McCall. There was a motion made by Jaycox and seconded by Hanskat to find the voter persuasive and to accept an editorial change. The motion passed by a vote of 22-0-0.

<p><b>1.7.4.1.a</b> Concrete strength <del>not meeting failing to comply with</del> requirements of 1.6.6.1.b <del>and</del> <u>Contract Documents</u>.</p> <p><b>1.7.4.1.b</b> Reinforcement size, quantity, grade, position, or arrangement <del>at variance with not meeting</del> requirements <del>of Section 3 or and in</del> <u>Contract Documents</u>.</p> <p><b>1.7.4.1.c</b> Concrete elements <del>that differ from not meeting required dimensions or location exceeding tolerances specified in</del> <u>Contract Documents</u>.</p> <p><b>1.7.4.1.d</b> Curing <del>and protection</del> not <del>meeting requirements performed in accordance with of</del> <u>5.3.6 and in</u> <u>Contract Documents</u>.</p>		<p><b>RESPONSE TO TAC</b></p> <p><b>Editorial Change.</b>  <b>Rationale:</b> We do not agree fully with the comment. We use "and Contract Documents" when provisions in this specification are referenced to cover cases where other parts of Contract Document may have additional requirements. See Ref. #120 on use of "and".          Because 5.3.6 is titled "curing and protection", and because of comment 114, the last provision should be changed as shown in 1.7.4.1.d.</p>
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Meeting was adjourned at 12:05 p.m.

Respectfully Submitted,



Michelle L. Wilson  
 Secretary