Errata for Guidelines for the Use of Ultra-High-Performance Concrete (UHPC) in Precast and Prestressed Concrete (PCI Technical Report TR-9-22)

March 2023

Page iv, Notation:

Replace “$f_i$” with “$f_1$” for first-peak (first-crack) flexural strength.

Replace “$f_p$” with “$f'_c$” for specified compressive strength.

Replace “$f_p$” with “$f'_{cr}$” for required average compressive strength.

Page 21, last sentence of Section 4.1.1.1 Temperature:

Replace “(±15°C)” with “(±3°C)”.

Page 25, definition for $k$:

Replace “Table 4.1” with “Table 4.2”.

Page 26, current Table 4.1:

Rename “Table 4.1” as “Table 4.2”.

Replace “Source: ACI 301-20 Table 4.2.3.3(a)2.” with “Adapted from ACI 301-20 Table 4.2.3.3(a)2. ACI 301 does not include the value for 9 total tests.”

Page 40, replace 160°F with 158°F to be consistent with the rest of the document.

Page 64, within Article 4.2.4.C.:

Item 1.a: Replace “$f'_c$” with “$f'_{cr}$”

Item 1.b: Replace “$f_{f,cr}$” with “$f'_{f,cr}$”

Item 1.c: Replace “$f_{f,p}$” with “$f'_{f,p}$”

Item 3: Replace “$f_{Xr}$” with “$f'_{Xr}$”

Item 3: Replace “$f'_{X}$” with “$f'_{X}$”

Item 3: Insert Table 4.2.4-2:

<table>
<thead>
<tr>
<th>Total number of tests considered</th>
<th>k-factor for increasing sample standard deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>1.25</td>
</tr>
<tr>
<td>15</td>
<td>1.16</td>
</tr>
<tr>
<td>20</td>
<td>1.08</td>
</tr>
<tr>
<td>25</td>
<td>1.03</td>
</tr>
<tr>
<td>30 or more</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Note: Linear interpolation for intermediate number of tests is acceptable.