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|  |  **Illinois Test Procedure SCC-2 Checklist** **Slump Flow and Stability of Self-Consolidating Concrete** |
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| The following is a summary checklist of the key steps involved in testing the slump flow and stability of freshly mixed self-consolidating concrete (SCC). |
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| **Did the tester:** |  | **YES** | **NO** |  |
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| 1. | Dampen the slump cone, tamping rod or strike-off bar, and base plate?  | [ ]  | [ ]  |  |
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| 2. | Place the cone’s smaller diameter opening in the middle of the base plate?  | [ ]  | [ ]  |  |
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| 3. | Fill the cone in one lift without vibration, rodding, or tapping?  | [ ]  | [ ]  |  |
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| 4. | Strike off the concrete level with the top of the cone using the tamping rod or strike-off bar?  | [ ]  | [ ]  |  |
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| 5. | Remove surplus concrete from around the base of the mold and base plate surface?  | [ ]  | [ ]  |  |
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| 6. | Raise the cone vertically 9 ± 3 in. (225 ± 75 mm) in one smooth motion, without lateral or torsional motion, in 3 ± 1 seconds?  | [ ]  | [ ]  |  |
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| 7. | Perform the test from start to raising of the cone within 2.5 minutes?  | [ ]  | [ ]  |  |
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| 8. | Measure the slump flow’s maximum diameter and measure the diameter perpendicular to the maximum to the nearest 0.5 in. (10 mm)?  | [ ]  | [ ]  |  |
|  |
| 9. | Rate the stability of the SCC according to the Visual Stability Index (VSI)?  | [ ]  | [ ]  |  |
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| Tester: |       | Observer: |       | Date: |       |
|  |
| REMARKS: |       |
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