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| DOTLOGO2 | | | | | **Illinois Test Procedure SCC-6 Checklist**  **Static Segregation of Hardened Self- Consolidating Concrete Cylinders** | | | | | |
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| The following is a summary checklist of the key steps involved in making self-consolidating concrete cylinder specimens. | | | | | | | | | | |
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| **Did the tester:** | | |  | | | | | **YES** | **NO** |  |
|  | | | | | | | | | | |
| 1. | Place the molds on a flat, level, firm surface which was free of vibration or other disturbances? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 2. | Fill the mold in one lift, slightly overfilling the top layer? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 3. | Strike off the surface with a tamping rod or strike-off bar to produce a flat and even surface, using a minimum amount of manipulation? | | | | | | |  |  |  |
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| 4. | Cover the specimens with a plastic cylinder lid or with a plastic sheet secured by a rubber band? | | | | | | |  |  |  |
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| 5. | Identify the specimen by writing on the outside of the mold? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 6. | Place the specimens where they could remain undisturbed, and within the curing temperature range of 60° F to 80° F (16° C to 27° C)? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 7. | Cure the specimens for a minimum 24 ± 0.5 hours ***or*** ensured a minimum compressive strength of 900 psi (6200 kPa)? | | | | | | |  |  |  |
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| 8. | Saw cut the specimens lengthwise down the center? | | | | | | |  |  |  |
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| 9. | Make a visual assessment of the cut plane of the hardened concrete cylinder according to the Hardened Visual Stability Index (HVSI)? | | | | | | |  |  |  |
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| Tester: | |  | | Observer: | |  | Date: | |  | |
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| REMARKS: | |  | | | | | | | | |
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