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|  | | | | | **Illinois Test Procedure SCC-1 Checklist B**  **Unit Weight, Yield, and Air Content (Gravimetric) of Self-Consolidating Concrete**  (Reference Illinois Modified AASHTO T 121) | | | | | |
|  | | | | | | | | | | |
| The following is a summary checklist of the key steps involved in determining the unit weight of freshly mixed self-consolidating concrete. | | | | | | | | | | |
|  | | | | | | | | | | |
| **Did the tester:** | | |  | | | | | **YES** | **NO** |  |
|  | | | | | | | | | | |
| 1. | Determine and record the weight (mass) of the empty container? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 2. | Dampen the container, the hand scoop, and the strike-off plate? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 3. | Fill the container in one lift, slightly overfilling the top layer? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 4. | Strike off the concrete level with the top of the container using the strike-off plate and clean off the rim? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 5. | Determine and record the total mass (weight) of the container and concrete? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| Tester: | |  | | Observer: | |  | Date: | |  | |
|  | | | | | | | | | | |
| REMARKS: | |  | | | | | | | | |
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