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| DOTLOGO2 |  **Illinois Modified ASTM C 1064 Checklist** **Temperature of Freshly Mixed Portland Cement Concrete** |
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| Note: Illinois Modified ASTM C 1064 is formerly Illinois Modified AASHTO T 309. |
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| The following is a summary checklist of the key steps involved in measuring the temperature of freshly mixed concrete. |
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| **Did the tester:** |  | **YES** | **NO** |  |
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| 1. | Obtain a sample large enough to provide a minimum of 3 in. (75 mm) of concrete cover around the sensor in all directions?  | [ ]  | [ ]  |  |
|  |
| 2. | Use an ASTM approved thermometer, accurate to ± 1° F (± 0.5° C) with an appropriate temperature range?  | [ ]  | [ ]  |  |
|  |
| 3. | Place the thermometer in the sample with a minimum of 3 in. (75 mm) cover around the sensor?  | [ ]  | [ ]  |  |
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| 4. | Gently press the concrete around the thermometer?  | [ ]  | [ ]  |  |
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| 5. | Read the temperature after a minimum of 2 minutes or when the temperature readings stabilized?  | [ ]  | [ ]  |  |
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| 6. | Complete the temperature measurement within 5 minutes after obtaining the sample?  | [ ]  | [ ]  |  |
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| 7. | Record the temperature to the nearest ± 1° F (± 0.5° C)?  | [ ]  | [ ]  |  |
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| Tester: |       | Observer: |       | Date: |       |
|  |
| REMARKS: |       |
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|  |       |
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