

Procedure Checklist ASTM C 172 Sampling Freshly Mixed Concrete

| | | P | F | N/A |
|------------------|---|---|---|-----|
| Procedure | | | | |
| 1. | Obtain a representative sample source (i.e. revolving drum truck mixer). | | | |
| 2. | Ensure that all water has been added | | | |
| 3. | Sample the concrete at two or more regularly-spaced intervals during discharge of the middle portion of the batch. | | | |
| 4. | Repeatedly pass receptacle through entire discharge stream or completely divert discharge stream into sampling container. | | | |
| 5. | Transport samples to place of testing. Combine and remix to form composite samples. | | | |
| 6. | Obtain composite sample within fifteen (15) from the start of sampling. | | | |
| 7. | Minimum size of sample used for strength tests shall be 28 L (1 ft ³) | | | |
| 8. | Start tests for slump, temperature, and air within five (5) minutes after obtaining final portion of composite sample. | | | |
| 9. | Start molding specimens within fifteen (15) minutes after fabricating the composite sample. | | | |
| 10. | Protect sample against rapid evaporation and contamination. | | | |

Remarks: **Comparison Criteria:** N/A

Date: _____ Technician: _____ IA Observer: _____

Technician's E-mail Address: _____

Employer's/ Supervisor's E-mail Address: _____