02/25/2025

Include if project has concrete for minor structures.

## Section 601. — MINOR CONCRETE

Delete Table 601-2 and substitute the following:

**Table 601-2**

**Sampling, Testing, and Acceptance Requirements**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Material or Product (Subsection)** | **Type of Acceptance (Subsection)** | **Characteristic** | **Test Methods Specifications** | **Sampling Frequency** | **Point of Sampling** | **Split Sample** | **Reporting Time** | **Remarks** |
| **Source** |
| Aggregate (fine & coarse) | Measured & tested for conformance (106.04 & 105) | Quality | Subsections 703.01 & 703.02 | 1 per material type | Source of material | Yes | Before producing | **−** |
| **Mix Design** |
| Concrete composition (601.03) | " | All | Subsection 601.03 | 1 per mix design | Source of material | If requested | Before producing | **−** |
| **Production** |
| Concrete(1) | Measured & tested for conformance (106.04) | Density | AASHTO T 121 | 1 set per truck load, but not less than 1 per day | Point of discharge | No | Upon completing tests | − |
| Air content | AASHTO T 152 or AASHTO T 196 | " | " | " | " | − |
| Slump | AASHTO T 119 | " | " | " | " | − |
| Temperature | ASTM C1064 | " | " | " | " | − |
| Compressive strength(2)(3) (28-day) | AASHTOR 100 & T 22 | 1 set per 30 yd3, but not less than 1 per day | Point of discharge(4) | Yes | 28 days | (5) |
| (1) Sample according to AASHTO R 60, except composite samples are not required.(2) Cast at least four compressive strength test cylinders for 6- by 12-inch specimens or six compressive strength cylinders for 4‑ by 8-inch and carefully transport the cylinders to the job site curing facility.(3) A single compressive strength test result is the average result from two 6- by 12-inch or three 4- by 8-inch cylinders cast from the same load.(4) If the point of placement is different from the point of discharge, correlate the discharge tests with the placement tests to document the changes.(5) Deliver cylinders to the CO or designated laboratory for scheduled testing. |