**Wisconsin Department of Transportation**

Materials Lab Testing System

Concrete **BEAM** Tests

Report Number: #133-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Project I.D.: | | | | | | | | | Project Location: | | | | | | | | | | | | |
| Project Name: | | | | | | | | | Date Cast: | | | | /      / | | | | | | Cast By: (Full Name Req’d) | | |
| Beam Type: Check Only One | | | | | |  | | | Date Received: | | | | /      / | | | | | |
| Acceptnce | | QMP/Companion | | | | QMP/Verification | | | Date Tested: | | | | /      / | | | | | | Tested By: | | |
| All Breaks at 28 Days | | | | | | | | |  | | | |  | | | | | |
|  |  | | | | | |  | |  | | | |  | | | | | |  | | |
| **Concrete Mix Components** | | | | | | | | | | | | | | | | | | | | | |
| Ready Mix Supplier & Mix Design #: | | | | | | | | | | | | Grade: | | | | | | Class:  A.E.  A.E. – HES | | | |
| Cement | Content | | | Lbs/cy | | | | | Brand/Mill: | | |  | | | | | | | | | Type: |
| Fly Ash | Content | | | Lbs/cy | | | | | Source: | | |  | | | | | | | | | Class: |
| Slag | Content | | | Lbs/cy | | | | | Source: | | |  | | | | | | | | | Grade: |
| Aggregate | Total Aggregate | | | Lbs/cy | | | | | Fine Aggregate: | | | | | | | | % | | | | |
| Source | | | Fine: | | | | | | | | | | | WisDOT Lab No.: | | | | | | |
| Source | | | Coarse #1: | | | | | | | | | | | WisDOT Lab No.: | | | | | | |
| Source | | | Coarse #2: | | | | | | | | | | | WisDOT Lab No.: | | | | | | |
| Admixtures | Air Entraining | | |  | | | | | | | | | | | | | oz./  cwt or  cy | | | | |
| Water Reducing | | |  | | | | | | | | | | | | | oz./  cwt or  cy | | | | |
| Retarder | | |  | | | | | | | | | | | | | oz./  cwt or  cy | | | | |
| Other | | |  | | | | | | | | | | | | | oz./  cwt or  cy | | | | |
| Net Water: | gal/cy | | | Slump       in. | | | | | | Net Air:       % | | | | | | | | PCC Temp:       ◦F | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
| **Type of Placement** | | | | | | | | | | | | | | | | | | | | | |
| **Please Check Box**  Pavement  **Required Strength**:       psi | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
| **Concrete Beam Test Data** | | | | | | | | | | | | | | | | | | | | | |
| **Sample Locations:** | | | | | | | | | | | | | | **QC Lot No.** | | | | | | **QC Sublot No.** | |
| Beam Number | | | Diameter (in.) | | Area (sq. in.) | | | Test Date | Age (days) | | Fracture | | | Load (lbs) | | Load Rate (lb/sec) | | | | Flexural Strength (psi) | |
|  | | |  | |  | | |  |  | |  | | |  | |  | | | |  | |
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Remarks: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Project Contact:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Project Phone:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    \*When e-mailing for pick-up, use the following address, [cylinders@behnkematerialsengineering.com](mailto:cylinders@behnkematerialsengineering.com) ; also specify the number of additional molds needed so the vendor can supply when picking up completed Beams. | **Project Label** |

REV 01/2025