

# CONCRETE TEST REPORT

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| TO | ABC ENGINEERING LTD.<br>545 SYCAMORE WAY<br>WINDY CITY, AB |
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|   |  |  |  |                                |  |  |  |
|---|--|--|--|--------------------------------|--|--|--|
| <b>PROJECT NAME:</b> Local Business Complex |  |  |  | <b>SCOPE:</b> MATERIAL TESTING |  |  |  |
|---|--|--|--|--------------------------------|--|--|--|

| SAMPLE | TYPE     | CURE LOC. | TEST DATE  | AGE (DAYS) | AVG. DIAMETER (mm) | AVG. LENGTH (mm) | MAX. LOAD (kN) | COMPRESSIVE STRENGTH (MPa) | FRACTURE TYPE |
|--------|----------|-----------|------------|------------|--------------------|------------------|----------------|----------------------------|---------------|
| A      | Cylinder | Lab       | 2021-06-21 | 7          | 101.6              | 203.2            | 190            | 23.5                       | b             |
| B      | Cylinder | Lab       | 2021-07-12 | 28         | 101.6              | 203.2            | 314            | 38.8                       | b             |
| C      | Cylinder | Lab       | 2021-07-12 | 28         | 101.6              | 203.2            | 276            | 34.1                       | b             |
|        | Cylinder | Lab       |            |            | 101.6              | 203.2            |                |                            | c             |

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| <b>SPEC. STRENGTH</b> 35 MPa @ 28 DAYS |  |  |  | <b>CONCRETE TEMP.</b> 24.0 °C <b>AIR TEMP.</b> 23.0 °C |  |  |  |
| <b>CEMENT TYPE</b> GU/GUL              |  |  |  | <b>SLUMP</b> 180 mm <b>SPEC. SLUMP</b> 190 mm          |  |  |  |
| <b>SCM CONTENT</b> FLY ASH             |  |  |  | <b>SLUMP FLOW</b> NA mm <b>SPEC. FLOW</b>              |  |  |  |
| <b>MAXIMUM SIZE AGGREGATE</b> 14 mm    |  |  |  | <b>AIR CONTENT</b> 1.2 %                               |  |  |  |
| <b>BATCH TIME</b> 12:12                |  |  |  | <b>CAST TIME</b> 13:05                                 |  |  |  |
| <b>ADMIXTURES</b> SUPER-P JAZZ 1 DOSE  |  |  |  | <b>CAST DATE</b> 2021-06-14 <b>CAST BY</b> CMF         |  |  |  |
| <b>SUPPLIER</b> TOP CONCRETE LTD.      |  |  |  | <b>LOCATION</b> L05, E Slab                            |  |  |  |
| <b>MIX NO.</b> KJF83302                |  |  |  | <b>COMMENTS</b>  |  |  |  |
| <b>TRUCK NO.</b> 192                   |  |  |  |  |  |  |  |
| <b>LOAD VOL.</b> 16 m3                 |  |  |  |  |  |  |  |
| <b>WATER ADDED</b>                     |  |  |  |  |  |  |  |
| <b>TICKET NO.</b> 85463                |  |  |  |  |  |  |  |
| <b>AUTH</b>                            |  |  |  |  |  |  |  |
|  |  |  |  | PREPARED BY SOME COMPANY                               |  |  |  |
|  |  |  |  | BY TECH INITIALS                                       |  |  |  |