

## Laboratory Test Sheet

### Aggregate Crushing Value : BS812 Section 111: 1990

|                 |  |                     |                               |
|-----------------|--|---------------------|-------------------------------|
| Client :        | <u>Alfred McAlpine Civil Engineering</u> | Site :              | <u>Stanton North Phase II</u> |
| Client Ref :    | <u>12345</u>                             | Lab. Ref :          | <u>10073</u>                  |
| Supplier :      |  | Job No :            | <u>B4240/96V</u>              |
| Material Type : | <u>Sub-base</u>                          | Source :            |                               |
| Material Name : | <u>Type 1 Sub-base</u>                   | Specification :     | <u>Type 1 Sub-base</u>        |
|                 |  | Binder Type/Grade : |                               |

|   |               |               |               |               |  |   |  |   |  |   |
|---|---------------|---------------|---------------|---------------|--|---|--|---|--|---|
| <b>Aggregate Crushing Value - 400kN Force in 10 minutes +/- 30 sec</b><br><b>Initial Weight =</b> <table border="1" style="float: right; margin-left: 20px;"> <tr><td style="width: 50px; height: 15px;"></td><td style="width: 20px; text-align: center;">1</td></tr> <tr><td style="height: 15px;"></td><td style="text-align: center;">2</td></tr> <tr><td style="height: 15px;"></td><td style="text-align: center;">3</td></tr> </table> |               |               |               |               |  | 1 |  | 2 |  | 3 |
|   | 1             |               |               |               |  |   |  |   |  |   |
|   | 2             |               |               |               |  |   |  |   |  |   |
|   | 3             |               |               |               |  |   |  |   |  |   |
|   | <b>Test 1</b> | <b>Test 2</b> | <b>Test 3</b> | <b>Test 4</b> |  |   |  |   |  |   |
| Weight of Test Specimen   | A (g)         |               |               |               |  |   |  |   |  |   |
| Weight Passing 2.36mm Sieve   | B (g)         |               |               |               |  |   |  |   |  |   |
| Weight Retained on 2.36mm Sieve   | C (g)         |               |               |               |  |   |  |   |  |   |
| B + C   | (g)           |               |               |               |  |   |  |   |  |   |
| ACV = B/A * 100   |               |               |               |               |  |   |  |   |  |   |
| <b>Mean Force</b>   |               |               |               |               |  |   |  |   |  |   |
| <b>Median</b>   |               |               |               |               |  |   |  |   |  |   |

**Notes**

1. If B + C differ from A by more than 10g repeat the test
2. Report the Mean ACV to the nearest whole number

Comments : \_\_\_\_\_  
 Tested By : \_\_\_\_\_ Date : \_\_\_\_\_ Checked By : \_\_\_\_\_ Date : \_\_\_\_\_  
 Check Level (1/2/3)

Notes : \* Delete as applicable