



**Client:**

**Our Project No.:** 02000061.000.001

**Client Contract No.:** 4600019710

**Client PO.:**

**Contractor:** Marco Maritimes

CC:

**Fax**

**Attn:** Krista Ranahan, P.Eng.

**Fax**

**Project:** FO1-55-02-01 - JL Ilsley High School Concrete Testing

**Email**     [krista.ranahan@novascotia.ca](mailto:krista.ranahan@novascotia.ca)

| Set No: 6                     |                                     | No. Of Specimens: 3   | Date Cast: 22 Jan 2020                |                                  |                   |                            |              |
|-------------------------------|-------------------------------------|-----------------------|---------------------------------------|----------------------------------|-------------------|----------------------------|--------------|
| Specimen                      | Date Tested                         | Age At Test<br>(Days) | Average Diameter(mm)                  | Cyl Density<br>kg/m <sup>3</sup> | Maximum Load (kN) | Compressive Strength (MPa) | Failure Type |
| A                             | 29 Jan 2020                         | <b>7</b>              | 102                                   | 2344                             | 180               | <b>22.0</b>                | A            |
| B                             | 19 Feb 2020                         | <b>28</b>             | 102                                   | 2347                             | 240               | <b>29.4</b>                | A            |
| C                             | 19 Feb 2020                         | <b>28</b>             | 102                                   | 2343                             | 243               | <b>29.7</b>                | A            |
| <b>Specified Properties</b>   |                                     |                       |                                       | <b>Test Information</b>          |                   |                            |              |
| Strength @28 days(MPa):       |                                     | 25                    | Conc Temp°C                           |                                  | 19.5              | Slump (mm) 100             |              |
| Slump (mm):                   |                                     | 80 +/- 20             | Air Temp°C :                          |                                  | -1.5              | Air(%): 2.0 / 4.7          |              |
| Air (%):                      |                                     | 6 +/- 1               | Cast Time:                            |                                  | 14:25             | Cast By: MTL               |              |
| Max Agg Size (mm):            |                                     | 20                    | Initial curing Temp (CSA: 15 - 25° C) |                                  |                   |                            |              |
|                               |                                     |                       | Minimum: 5.6                          |                                  | Maximum: 18.3     |                            |              |
| <b>Supplier Information</b>   |                                     |                       | <b>Sample pickup at Site :</b>        |                                  |                   |                            |              |
| Supplier: Metro Casey         |                                     |                       | Date : 23 Jan 2020                    |                                  |                   |                            |              |
| Batch Time: 13:41             |                                     |                       | Time : 7:00                           |                                  |                   |                            |              |
| Truck No.: 39CM               |                                     |                       | <b>Rec'd Sample at Lab :</b>          |                                  |                   |                            |              |
| Ticket No.: 103697            |                                     |                       | Date : 23 Jan 2020                    |                                  |                   |                            |              |
| Strength Delivered: 25 (MPa)  |                                     |                       | Time : 8:30                           |                                  |                   |                            |              |
| Mix No: C25F1D1               |                                     |                       |                                       |                                  |                   |                            |              |
| Load Vol: 8.00 m <sup>3</sup> |                                     |                       |                                       |                                  |                   |                            |              |
| Cum Vol: 8.00 m <sup>3</sup>  |                                     |                       |                                       |                                  |                   |                            |              |
| Additives:                    |                                     |                       | <b>Section: Footing</b>               |                                  |                   |                            |              |
| Heat                          | <input checked="" type="checkbox"/> | Superplasticizer      | <b>Location: Grid Line 1 ( A-D )</b>  |                                  |                   |                            |              |
| Silica fume                   | <input type="checkbox"/>            | Flyash                |                                       |                                  |                   |                            |              |
| Set Retarder                  | <input type="checkbox"/>            | Air Entrainment       |                                       |                                  |                   |                            |              |
| Water Reducer                 | <input type="checkbox"/>            | Accelerators          |                                       |                                  |                   |                            |              |
| H2O Added                     | <input type="checkbox"/>            | Authorized B          |                                       |                                  |                   |                            |              |
|                               |                                     |                       | <b>Comments:</b>                      |                                  |                   |                            |              |
|                               |                                     |                       | Field Test results reported on site.  |                                  |                   |                            |              |
|                               |                                     |                       | Extra Airs: 1                         |                                  |                   |                            |              |

**Standby:** 0.5

Record No 50508      Englobe Tech:    Joel #1

PER



CSA CERTIFIED  
LABORATORY FOR TESTING

For testing conducted by this company, procedures are carried out in accordance with CSA-A23.2. Reporting of these test results constitutes a testing service only. Engineering interpretation or evaluation of test results is provided only on request.

N/A - Not Applicable or Not Available

Project manager : Peter Salah

97 TROOP AVE., DARTMOUTH, N.S. B3B 2A7 - TEL (902) 468-6486 FAX 468-4919

**Client:**

Nova Scotia Transportation And Infrastructure Renewal  
PO Box 186, 1672 Granville Street  
Halifax, Nova Scotia  
B3J 2N2

**Our Project No.:** 02000061.000.001

**Client Contract No.:** 4600019710

**Client PO.:**

**Contractor:** Marco Maritimes

**CC:**

**Fax**

**Attn:** Krista Ranahan, P.Eng.

**Fax**

**Project:** FO1-55-02-01 - JL Ilsley High School Concrete Testing

**Email** krista.ranahan@novascotia.ca

| Set No: 7 |             | No. Of Specimens: 3 |                      | Date Cast: 23 Jan 2020        |                   |                            |              |                                       |
|-----------|-------------|---------------------|----------------------|-------------------------------|-------------------|----------------------------|--------------|---------------------------------------|
| Specimen  | Date Tested | Age At Test (Days)  | Average Diameter(mm) | Cyl Density kg/m <sup>3</sup> | Maximum Load (kN) | Compressive Strength (MPa) | Failure Type |                                       |
| A         | 30 Jan 2020 | 7                   | 102                  | 2314                          | 165               | 20.2                       | A            | <input checked="" type="checkbox"/> A |
| B         | 20 Feb 2020 | 28                  | 102                  | 2321                          | 231               | 28.3                       | A            | <input checked="" type="checkbox"/> B |
| C         | 20 Feb 2020 | 28                  | 102                  | 2323                          | 235               | 28.8                       | A            | <input checked="" type="checkbox"/> C |
|           |             |                     |                      |                               |                   |                            |              | <input checked="" type="checkbox"/> D |
|           |             |                     |                      |                               |                   |                            |              | <input checked="" type="checkbox"/> E |
|           |             |                     |                      |                               |                   |                            |              | <input checked="" type="checkbox"/> F |

  

| Specified Properties                            |                                     | Test Information                                   |                                     | Sample pickup at Site : |
|---|-------------------------------------|--|-------------------------------------|-------------------------|
| Strength @28 days(MPa):                         | 25                                  | Conc Temp°C  | 21.0                                | Date :                  |
| Slump (mm):                                     | 80 +/- 20                           | Slump (mm)   | 90/100                              | Time :                  |
| Air (%):  | 4 - 7                               | Air Temp°C :                                       | 4.0                                 | Rec'd Sample at Lab :   |
| Max Agg Size (mm):                              | 20                                  | Air(%):  | 2.9/4.5                             | Date :                  |
|   |                                     | Cast Time:   | 14:10                               | Time :                  |
|   |                                     | Cast By:   | MTL                                 |                         |
|   |                                     | Initial curing Temp (CSA: 15 - 25°C)               |                                     |                         |
|   |                                     | Minimum: Maximum:                                  |                                     |                         |
| <b>Supplier Information</b>                     |                                     | Initial Curing Conditions :                        |                                     |                         |
| Supplier: Casey Metro                           |                                     | Inside curing box inside trailer                   |                                     |                         |
| Batch Time: 13:21                               |                                     | Test samples cast in reusable hard plastic moulds. |                                     |                         |
| Truck No.: 31CM                                 |                                     | Section: Strip Footings                            |                                     |                         |
| Ticket No.: 103725                              |                                     | Location: Grid Line D ( 1-4 )                      |                                     |                         |
| Strength Delivered: 25 (MPa)                    |                                     | Comments:  |                                     |                         |
| Mix No: C25F1D1                                 |                                     | Field Test results reported on site.               |                                     |                         |
| Load Vol: 7.45 m <sup>3</sup>                   |                                     | Extra Airs: 1 Extra Slumps: 1                      |                                     |                         |
| Cum Vol: 7.45 m <sup>3</sup>                    |                                     |  |                                     |                         |
| Additives:                                      |                                     |  |                                     |                         |
| Heat  | <input checked="" type="checkbox"/> | Superplasticizer                                   | <input type="checkbox"/>            |                         |
| Silica fume                                     | <input type="checkbox"/>            | Flyash   | <input type="checkbox"/>            |                         |
| Set Retarder                                    | <input type="checkbox"/>            | Air Entrainment                                    | <input checked="" type="checkbox"/> |                         |
| Water Reducer                                   | <input type="checkbox"/>            | Accelerators                                       | <input type="checkbox"/>            |                         |
| H2O Added <input type="checkbox"/> Authorized B |                                     |  |                                     |                         |

**Standby:** 0.5

**Record No** 50531 **Englobe Tech:** Joel #1

PER

*Peter Salah*



CSA CERTIFIED  
LABORATORY FOR TESTING

For testing conducted by this company, procedures are carried out in accordance with CSA-A23.2. Reporting of these test results constitutes a testing service only. Engineering interpretation or evaluation of test results is provided only on request.

N/A - Not Applicable or Not Available

Project manager : Peter Salah



# Englobe

## CONCRETE TEST REPORT

97 TROOP AVE., DARTMOUTH, N.S. B3B 2A7 - TEL (902) 468-6486 FAX 468-4919

### Client:

Nova Scotia Transportation And Infrastructure Renewal  
PO Box 186, 1672 Granville Street  
Halifax, Nova Scotia  
B3J 2N2

Our Project No.: 02000061.000.001

Client Contract No.: 4600019710

Client PO.:

Contractor: Marco Maritimes

CC:

Fax

Attn: Krista Ranahan, P.Eng.

Fax

Project: FO1-55-02-01 - JL Ilsley High School Concrete Testing

Email krista.ranahan@novascotia.ca

| Set No: 8 |             | No. Of Specimens: 5 |                      | Date Cast: 23 Jan 2020        |                   |                            |              |                                     |
|-----------|-------------|---------------------|----------------------|-------------------------------|-------------------|----------------------------|--------------|-------------------------------------|
| Specimen  | Date Tested | Age At Test (Days)  | Average Diameter(mm) | Cyl Density kg/m <sup>3</sup> | Maximum Load (kN) | Compressive Strength (MPa) | Failure Type |                                     |
| A         | 30 Jan 2020 | 7                   | 102                  | 2346                          | 232               | 28.4                       | A            | <input checked="" type="checkbox"/> |
| B         | 20 Feb 2020 | 28                  | 102                  | 2344                          | 295               | 36.1                       | A            | <input checked="" type="checkbox"/> |
| C         | 20 Feb 2020 | 28                  | 102                  | 2336                          | 286               | 35.0                       | A            | <input checked="" type="checkbox"/> |
| D         | 19 Mar 2020 | AP                  | 102                  |                               |                   |                            |              | <input checked="" type="checkbox"/> |
| E         | 19 Mar 2020 | AP                  | 102                  |                               |                   |                            |              | <input checked="" type="checkbox"/> |

  

| Specified Properties    |  | Test Information                                   |       | Sample pickup at Site : |
|-------------------------|--|--|-------|-------------------------|
| Strength @28 days(MPa): | 28   | Conc Temp°C  | 19.0  | Date :                  |
| Slump (mm):             | 125 +/- 25   | Slump (mm)   | 145   | Time :                  |
| Air (%) :               | 4 - 7  | Air Temp°C :                                       | 4.0   | Rec'd Sample at Lab :   |
| Max Agg Size (mm):      | 20   | Air(%) :   | 4.5   | Date :                  |
|                         |  | Cast Time:   | 15:20 | Time :                  |
|                         |  | Cast By:   | MTL   |                         |
| Supplier Information    |  | Initial curing Temp (CSA: 15 - 25°C)               |       |                         |
| Supplier:               | Casey Metro  | Minimum:   |       |                         |
| Batch Time:             | 14:52  | Maximum:   |       |                         |
| Truck No.:              | 38CM   | Initial Curing Conditions :                        |       |                         |
| Ticket No.:             | 103728   | Inside curing box inside trailer                   |       |                         |
| Strength Delivered:     | 28 (MPa)   | Test samples cast in reusable hard plastic moulds. |       |                         |
| Mix No:                 | C27F101E   | Section: DuctBank                                  |       |                         |
| Load Vol:               | 8.00 m <sup>3</sup>                                  | Location: 1st Section : Pull Pit                   |       |                         |
| Cum Vol:                | 8.00 m <sup>3</sup>                                  | Comments:  |       |                         |
| Additives:              |  | Field Test results reported on site.               |       |                         |
| Heat                    | <input checked="" type="checkbox"/> Superplasticizer |  |       |                         |
| Silica fume             | <input type="checkbox"/> Flyash                      |  |       |                         |
| Set Retarder            | <input type="checkbox"/> Air Entrainment             |  |       |                         |
| Water Reducer           | <input type="checkbox"/> Accelerators                |  |       |                         |
| H2O Added               | <input type="checkbox"/> Authorized B                |  |       |                         |

Standby: 0.5

Record No 50533 Englobe Tech: Joel 3 & 4

PER



CSA CERTIFIED  
LABORATORY FOR TESTING

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N/A - Not Applicable or Not Available

Project manager : Peter Salah

97 TROOP AVE., DARTMOUTH, N.S. B3B 2A7 - TEL (902) 468-6486 FAX 468-4919

### Client:

Nova Scotia Transportation And Infrastructure Renewal  
PO Box 186, 1672 Granville Street  
Halifax, Nova Scotia  
B3J 2N2

Our Project No.: 02000061.000.001

Client Contract No.: 4600019710

Client PO.:

Contractor: Able Equipment

CC:

Fax

Attn: Krista Ranahan, P.Eng.

Fax

Project: FO1-55-02-01 - JL Ilsley High School Concrete Testing

Email krista.ranahan@novascotia.ca

| Set No: 29 |             | No. Of Specimens: 3 |                      | Date Cast: 12 Feb 2020        |                   |                            |              |                                       |
|------------|-------------|---------------------|----------------------|-------------------------------|-------------------|----------------------------|--------------|---------------------------------------|
| Specimen   | Date Tested | Age At Test (Days)  | Average Diameter(mm) | Cyl Density kg/m <sup>3</sup> | Maximum Load (kN) | Compressive Strength (MPa) | Failure Type |                                       |
| A          | 19 Feb 2020 | 7                   | 102                  | 2338                          | 217               | 26.6                       | A            | <input checked="" type="checkbox"/> A |
| B          | 11 Mar 2020 | 28                  | 102                  | 2335                          |                   |                            |              | <input checked="" type="checkbox"/> B |
| C          | 11 Mar 2020 | 28                  | 102                  | 2336                          |                   |                            |              | <input checked="" type="checkbox"/> C |
|            |             |                     |                      |                               |                   |                            |              | <input checked="" type="checkbox"/> D |
|            |             |                     |                      |                               |                   |                            |              | <input checked="" type="checkbox"/> E |
|            |             |                     |                      |                               |                   |                            |              | <input checked="" type="checkbox"/> F |

  

| Specified Properties    |           | Test Information                                   |       | Sample pickup at Site : |             |
|-------------------------|-----------|--|-------|-------------------------|-------------|
| Strength @28 days(MPa): | 25        | Conc Temp°C  | 21    | Slump (mm)              | 85          |
| Slump (mm):             | 80 +/- 20 | Air Temp°C :                                       | 1     | Air(%) :                | 5.5         |
| Air (%) :               | 6 +/- 1   | Cast Time:   | 13:41 | Cast By:                | Englobe     |
| Max Agg Size (mm):      | 20        | Initial curing Temp (CSA: 15 - 25° C)              |       | Rec'd Sample at Lab :   |             |
|                         |           | Minimum: 14 Maximum: 23                            |       | Date :                  | 13 Feb 2020 |
|                         |           | Initial Curing Conditions :                        |       | Time :                  | 10:00       |
|                         |           | Inside curing box inside trailer                   |       | Rec'd Sample at Lab :   |             |
|                         |           | Test samples cast in reusable hard plastic moulds. |       | Date :                  | 13 Feb 2020 |
|                         |           |  |       | Time :                  | 11:00       |

  

| Supplier Information |  | Section:   |  |
|----------------------|--|--|--|
| Supplier:            | Casey Metro  | Location: Walls on gridline A 12 to 14 and gridline 14 from 1 to + 1.3 m towards 2. Elevator Pad |  |
| Batch Time:          | 12:57  |  |  |
| Truck No.:           | 38CM   |  |  |
| Ticket No.:          | 104173   |  |  |
| Strength Delivered:  | 25 (MPa)   |  |  |
| Mix No:              | C25F1D1  |  |  |
| Load Vol:            | 6 m <sup>3</sup>   |  |  |
| Cum Vol:             | 6 m <sup>3</sup>   |  |  |
| Additives:           |  | Comments:  |  |
| Heat                 | <input type="checkbox"/> Superplasticizer <input type="checkbox"/> | Field Test results reported on site.   |  |
| Silica fume          | <input type="checkbox"/> Flyash <input type="checkbox"/>           |  |  |
| Set Retarder         | <input type="checkbox"/> Air Entrainment <input type="checkbox"/>  |  |  |
| Water Reducer        | <input type="checkbox"/> Accelerators <input type="checkbox"/>     |  |  |
| H2O Added            | <input type="checkbox"/> Authorized B                              |  |  |

Standby: 0

Record No 50721 Englobe Tech: TP1

PER   CSA CERTIFIED  
LABORATORY FOR TESTING

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N/A - Not Applicable or Not Available

Project manager : Peter Salah

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### Client:

Nova Scotia Transportation And Infrastructure Renewal  
PO Box 186, 1672 Granville Street  
Halifax, Nova Scotia  
B3J 2N2

Our Project No.: 02000061.000.001

Client Contract No.: 4600019710

Client PO.:

Contractor: Able Equipment

CC:

Fax

Attn: Krista Ranahan, P.Eng.

Fax

Project: FO1-55-02-01 - JL Ilsley High School Concrete Testing

Email krista.ranahan@novascotia.ca

| Set No: 30 | No. Of Specimens: 5 | Date Cast: 13 Feb 2020 |                      |                               |                   |                            |              |                                     |
|------------|---------------------|------------------------|----------------------|-------------------------------|-------------------|----------------------------|--------------|-------------------------------------|
| Specimen   | Date Tested         | Age At Test (Days)     | Average Diameter(mm) | Cyl Density kg/m <sup>3</sup> | Maximum Load (kN) | Compressive Strength (MPa) | Failure Type |                                     |
| A          | 20 Feb 2020         | 7                      | 102                  |                               | 318               | 38.9                       | A            | <input checked="" type="checkbox"/> |
| B          | 12 Mar 2020         | 28                     | 102                  |                               |                   |                            |              | <input checked="" type="checkbox"/> |
| C          | 12 Mar 2020         | 28                     | 102                  |                               |                   |                            |              | <input checked="" type="checkbox"/> |
| D          | 09 Apr 2020         | AP                     | 102                  |                               |                   |                            |              | <input checked="" type="checkbox"/> |
| E          | 09 Apr 2020         | AP                     | 102                  |                               |                   |                            |              | <input checked="" type="checkbox"/> |

  

| Specified Properties  | Test Information                                   | Sample pickup at Site : |
|---|--|-------------------------|
| Strength @28 days(MPa): 30  | Conc Temp°C 17 Slump (mm) 75                       | Date : 14 Feb 2020      |
| Slump (mm): 80 +/- 20   | Air Temp°C : 1 Air(%): 1.7                         | Time : 10:30            |
| Air (%): No AEA   | Cast Time: 13:15 Cast By: Englobe                  | Rec'd Sample at Lab :   |
| Max Agg Size (mm): 20   | Initial curing Temp (CSA: 15 - 25° C)              | Date : 14 Feb 2020      |
|   | Minimum: 15 Maximum: 24                            | Time : 11:15            |
| Supplier Information  | Initial Curing Conditions :                        |                         |
| Supplier: Casey Metro   | Inside curing box inside trailer                   |                         |
| Batch Time: 12:24   | Test samples cast in reusable hard plastic moulds. |                         |
| Truck No.: 33CM   | Section:   |                         |
| Ticket No.: 104207  | Location: Four Piers: Y7-X3, Z1-W6, Y7-10, Y7-11   |                         |
| Strength Delivered: 30 (MPa)  | Comments:  |                         |
| Mix No: C30F100C  | Field Test results reported on site.               |                         |
| Load Vol: 2.5 m <sup>3</sup>  |  |                         |
| Cum Vol: 2.5 m <sup>3</sup>   |  |                         |
| Additives:  |  |                         |
| Heat <input checked="" type="checkbox"/> Superplasticizer <input type="checkbox"/>        |  |                         |
| Silica fume <input type="checkbox"/> Flyash <input type="checkbox"/>                      |  |                         |
| Set Retarder <input type="checkbox"/> Air Entrainment <input checked="" type="checkbox"/> |  |                         |
| Water Reducer <input type="checkbox"/> Accelerators <input type="checkbox"/>              |  |                         |
| H2O Added <input type="checkbox"/> Authorized B   |  |                         |

Standby: 0

Record No 50745 Englobe Tech: TP1

PER



CSA CERTIFIED  
LABORATORY FOR TESTING

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N/A - Not Applicable or Not Available

Project manager : Peter Salah





# Englobe

## CONCRETE TEST REPORT

97 TROOP AVE., DARTMOUTH, N.S. B3B 2A7 - TEL (902) 468-6486 FAX 468-4919

### Client:

Nova Scotia Transportation And Infrastructure Renewal  
PO Box 186, 1672 Granville Street  
Halifax, Nova Scotia  
B3J 2N2

Our Project No.: 02000061.000.001

Client Contract No.: 4600019710

Client PO.:

Contractor: Able Equipment

CC:

Fax

Attn: Krista Ranahan, P.Eng.

Fax

Project: FO1-55-02-01 - JL Ilsley High School Concrete Testing

Email krista.ranahan@novascotia.ca

| Set No: 31 |             | No. Of Specimens: 3 |                      | Date Cast: 13 Feb 2020        |                   |                            |              |                                     |
|------------|-------------|---------------------|----------------------|-------------------------------|-------------------|----------------------------|--------------|-------------------------------------|
| Specimen   | Date Tested | Age At Test (Days)  | Average Diameter(mm) | Cyl Density kg/m <sup>3</sup> | Maximum Load (kN) | Compressive Strength (MPa) | Failure Type |                                     |
| A          | 20 Feb 2020 | 7                   | 102                  |                               | 214               | 26.2                       | A            | <input checked="" type="checkbox"/> |
| B          | 12 Mar 2020 | 28                  | 102                  |                               |                   |                            |              | <input checked="" type="checkbox"/> |
| C          | 12 Mar 2020 | 28                  | 102                  |                               |                   |                            |              | <input checked="" type="checkbox"/> |
|            |             |                     |                      |                               |                   |                            |              | <input checked="" type="checkbox"/> |
|            |             |                     |                      |                               |                   |                            |              | <input checked="" type="checkbox"/> |
|            |             |                     |                      |                               |                   |                            |              | <input checked="" type="checkbox"/> |

  

| Specified Properties    |           | Test Information                      |       | Sample pickup at Site : |         |
|-------------------------|-----------|---------------------------------------|-------|-------------------------|---------|
| Strength @28 days(MPa): | 25        | Conc Temp°C                           | 16    | Slump (mm)              | 95      |
| Slump (mm):             | 80 +/- 20 | Air Temp°C :                          | 1     | Air(%) :                | 5.7     |
| Air (%) :               | 6 +/- 1   | Cast Time:                            | 13:33 | Cast By:                | Englobe |
| Max Agg Size (mm):      | 20        | Initial curing Temp (CSA: 15 - 25° C) |       | Rec'd Sample at Lab :   |         |
|                         |           | Minimum: 15 Maximum: 24               |       | Date : 14 Feb 2020      |         |
|                         |           |                                       |       | Time : 10:30            |         |
|                         |           |                                       |       | Date : 14 Feb 2020      |         |
|                         |           |                                       |       | Time : 11:15            |         |

  

| Supplier Information                            |  | Initial Curing Conditions :  |  |
|---|--|--|--|
| Supplier:                                       | Casey Metro  | Inside curing box inside trailer   |  |
| Batch Time:                                     | 12:13  | Test samples cast in reusable hard plastic moulds.                           |  |
| Truck No.:                                      | 37CM   |  |  |
| Ticket No.:                                     | 104206   |  |  |
| Strength Delivered:                             | 25 (MPa)   |  |  |
| Mix No:   | C25F1D1  |  |  |
| Load Vol:                                       | 8.03 m <sup>3</sup>                                  |  |  |
| Cum Vol:  | 8.03 m <sup>3</sup>                                  |  |  |
| Additives:                                      |  | Section:   |  |
| Heat  | <input checked="" type="checkbox"/> Superplasticizer | Location: footing pads 7B, 7C, 8B, 8C. Wall on line 14 from A to 4.2m from D |  |
| Silica fume                                     | <input type="checkbox"/> Flyash                      |  |  |
| Set Retarder                                    | <input type="checkbox"/> Air Entrainment             |  |  |
| Water Reducer                                   | <input type="checkbox"/> Accelerators                |  |  |
| H2O Added <input type="checkbox"/> Authorized B |  | Comments:  |  |
|   |  | Field Test results reported on site.   |  |

Standby: 0

Record No 50746 Englobe Tech: TP2

PER *Peter Salah*



CSA CERTIFIED  
LABORATORY FOR TESTING

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N/A - Not Applicable or Not Available

Project manager : Peter Salah