

**BALCOMM LIMITED**

Commissioning, Ductwork Cleaning  
& Water Treatment

**Fan Details & Performance Test Record**

|   |                             |
|---|-----------------------------|
| <b>Project:</b> High Hill Tower Project | <b>Ref:</b> Towerreference1 |
| <b>System:</b> system1                  | <b>Sheet:</b> 1 of 3        |

**FAN:**

| Item              | Static Check | Comments |
|-------------------|--------------|----------|
| Make & Model      | 1            | 2        |
| Type              | 3            | 4        |
| Serial Number 1   | 5            | 6        |
| Serial Number 2   | 7            | 8        |
| Pulley/Shaft/Bush | 9            | 10       |
| Belt              | 11           | 12       |
| Pitch Angle       | 13           | 14       |

**MOTOR:**

| Item                  | Static Check | Comments |
|-----------------------|--------------|----------|
| Make & Model          | 15           | 16       |
| Frame                 | 17           | 18       |
| Serial Number 1       | 19           | 20       |
| Serial Number 2       | 21           | 22       |
| Power kw              | 23           | 24       |
| Voltage Volt          | 25           | 26       |
| Full Load Current amp | 27.          | 28       |
| Pulley & Bush Details | 29           | 30       |

**PERFORMANCE:**

| Item                   | Design Data | Test Data No.1 | Test Data No.2 |
|------------------------|-------------|----------------|----------------|
| Volume Flow Rate m³/s  | 31.         | 32. 103%       | 33. 106%       |
| Fresh Air Inlet Pa     | 34          | 35             | 36             |
| Fan Suction Pa         | 37          | 38             | 39             |
| Fan Discharge Pa       | 40          | 41             | 42             |
| Fan Total Static Pa    | 43          | 44             | 45             |
| External Resistance Pa | 46          | 47             | 48             |
| Run Current R/Y/B amps | 49.         | 50             | 51             |
| Fan Speed rpm          | 52          | 53             | 54             |

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| Item                             | Design Data | Test Data No.1 | Test Data No.2 |
|----------------------------------|-------------|----------------|----------------|
| Motor Speed                  rpm | 55          | 56             | 57             |

**Comments:**

Superb Performance. Well Done!

**Engineer:** Elgin Thomas

**Date:** 05 Jan, 2018

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|   |                      |
|---|----------------------|
| <b>Project:</b> High Hill Tower Project | <b>Ref:</b> rterh    |
| <b>System:</b> system1                  | <b>Sheet:</b> 2 of 3 |

**FAN:**

| Item              | Static Check | Comments |
|-------------------|--------------|----------|
| Make & Model      | fdsf         | fdsf     |
| Type              | fds          | fdsf     |
| Serial Number 1   | fsdf         | df       |
| Serial Number 2   | fdsf         | fdsf     |
| Pulley/Shaft/Bush | fdfsd        | fdsf     |
| Belt              |              |          |
| Pitch Angle       |              |          |

**MOTOR:**

| Item                  | Static Check | Comments |
|-----------------------|--------------|----------|
| Make & Model          |              |          |
| Frame                 |              |          |
| Serial Number 1       |              |          |
| Serial Number 2       |              |          |
| Power kw              |              |          |
| Voltage Volt          |              |          |
| Full Load Current amp |              |          |
| Pulley & Bush Details |              |          |

**PERFORMANCE:**

| Item                               | Design Data | Test Data No.1 | Test Data No.2 |
|------------------------------------|-------------|----------------|----------------|
| Volume Flow Rate m <sup>3</sup> /s |             |                |                |
| Fresh Air Inlet Pa                 |             |                |                |
| Fan Suction Pa                     |             |                |                |
| Fan Discharge Pa                   |             |                |                |
| Fan Total Static Pa                |             |                |                |
| External Resistance Pa             |             |                |                |
| Run Current R/Y/B amps             |             |                |                |
| Fan Speed rpm                      |             |                |                |

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| Item                             | Design Data | Test Data No.1 | Test Data No.2 |
|----------------------------------|-------------|----------------|----------------|
| Motor Speed                  rpm |             |                |                |

**Comments:**

sdfsd sdf

**Engineer:** Elgin Thomas

**Date:** 09 Jan, 2018

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|   |                      |
|---|----------------------|
| <b>Project:</b> High Hill Tower Project | <b>Ref:</b> fdsfh    |
| <b>System:</b> system1                  | <b>Sheet:</b> 3 of 3 |

**FAN:**

| Item              | Static Check | Comments    |
|-------------------|--------------|-------------|
| Make & Model      | fkhfd        | hfdjh       |
| Type              | fhjdfh       | fhds;fsdfhf |
| Serial Number 1   | hjskahfds    | hdsjfhfdkhf |
| Serial Number 2   |              |             |
| Pulley/Shaft/Bush |              |             |
| Belt              |              |             |
| Pitch Angle       |              |             |

**MOTOR:**

| Item                  | Static Check | Comments |
|-----------------------|--------------|----------|
| Make & Model          |              |          |
| Frame                 |              |          |
| Serial Number 1       |              |          |
| Serial Number 2       |              |          |
| Power kw              |              |          |
| Voltage Volt          |              |          |
| Full Load Current amp |              |          |
| Pulley & Bush Details |              |          |

**PERFORMANCE:**

| Item                               | Design Data | Test Data No.1 | Test Data No.2 |
|------------------------------------|-------------|----------------|----------------|
| Volume Flow Rate m <sup>3</sup> /s |             |                |                |
| Fresh Air Inlet Pa                 |             |                |                |
| Fan Suction Pa                     |             |                |                |
| Fan Discharge Pa                   |             |                |                |
| Fan Total Static Pa                |             |                |                |
| External Resistance Pa             |             |                |                |
| Run Current R/Y/B amps             |             |                |                |
| Fan Speed rpm                      |             |                |                |

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| Item                             | Design Data | Test Data No.1 | Test Data No.2 |
|----------------------------------|-------------|----------------|----------------|
| Motor Speed                  rpm |             |                |                |

|                  |
|------------------|
| <b>Comments:</b> |
|------------------|

|                               |
|-------------------------------|
| <b>Engineer:</b> Elgin Thomas |
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|                           |
|---------------------------|
| <b>Date:</b> 09 Jan, 2018 |
|---------------------------|

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**Direct Volume Grilling Record Sheet**

|   |   |
|---|---|
| <b>Project:</b> High Hill Tower Project | <b>Ref:</b> commAirDirGrillRcd Reference1 |
| <b>System:</b> system1                  | <b>Sheet:</b> 1 of 1                      |

| Design Information |                  |                   | Measured         |                   |                   |        |         |
|--------------------|------------------|-------------------|------------------|-------------------|-------------------|--------|---------|
| Ref No.            | Grille Size (mm) | Design Volume l/s | Final Volume l/s | Correction Factor | Actual Volume l/s | %      | Setting |
| 1                  | 100              | 10                | 10               | 0.14              | 1                 | 14.000 | 100     |
| 2                  | 200              | 250               | 60               | 0.14              | 8                 | 3.000  | 105     |

|   |                    |        |
|---|--------------------|--------|
| Hood Correction Factor Is Served By Dividing The Duct | Duct Total l/s:    | 10.000 |
| Pitot Traverse Volume By The Grille Indicated Volume  | Hood/Grille Total: | 70.000 |
| Direct Volume Reading Using Alnor Hood                | Correction Factor: | 0.14   |

|                                       |
|---------------------------------------|
| <b>Comments:</b><br>Grilling Comments |
|---------------------------------------|

|                               |                           |
|-------------------------------|---------------------------|
| <b>Engineer:</b> Elgin Thomas | <b>Date:</b> 05 Jan, 2018 |
|-------------------------------|---------------------------|

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**System Witness Certificate**

|  |                      |
|--|----------------------|
| <b>Project:</b> High Hill Tower Project  | <b>Ref:</b> ghjghj   |
| <b>System:</b> system1   | <b>Sheet:</b> 1 of 3 |
| <p style="text-align: center;"><b>System Witness Certificate</b><br/>The System detailed within has been witnessed to the Clients representative,<br/>the test data is a true record of the system performance achieved.</p> |                      |

|                      |              |
|----------------------|--------------|
| <b>Witnessed By:</b> |              |
| <b>Company:</b>      | Balcomm Ltd  |
| <b>Date:</b>         | 06 Jan, 2018 |

|                             |                               |
|-----------------------------|-------------------------------|
| <b>Test Completed By:</b>   | Elgin Thomas                  |
| <b>Services Contractor:</b> | Tower Building Management LLP |
| <b>Date:</b>                | 06 Jan, 2018                  |

|                            |
|----------------------------|
| <b>Comments:</b><br>ghjghj |
|----------------------------|



**BALCOMM LIMITED**

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& Water Treatment

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**System Witness Certificate**

|  |                      |
|--|----------------------|
| <b>Project:</b> High Hill Tower Project  | <b>Ref:</b> sfsdfsdf |
| <b>System:</b> system1   | <b>Sheet:</b> 2 of 3 |
| <p style="text-align: center;"><b>System Witness Certificate</b><br/>The System detailed within has been witnessed to the Clients representative,<br/>the test data is a true record of the system performance achieved.</p> |                      |

|                      |              |
|----------------------|--------------|
| <b>Witnessed By:</b> |              |
| <b>Company:</b>      | Balcomm Ltd  |
| <b>Date:</b>         | 05 Jan, 2018 |

|                             |                               |
|-----------------------------|-------------------------------|
| <b>Test Completed By:</b>   | Elgin Thomas                  |
| <b>Services Contractor:</b> | Tower Building Management LLP |
| <b>Date:</b>                | 05 Jan, 2018                  |

|                               |
|-------------------------------|
| <b>Comments:</b><br>sdfsdfsdf |
|-------------------------------|

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**System Witness Certificate**

|  |                      |
|--|----------------------|
| <b>Project:</b> High Hill Tower Project  | <b>Ref:</b> fdgfdg   |
| <b>System:</b> system1   | <b>Sheet:</b> 3 of 3 |
| <p style="text-align: center;"><b>System Witness Certificate</b><br/>The System detailed within has been witnessed to the Clients representative,<br/>the test data is a true record of the system performance achieved.</p> |                      |

|                      |              |
|----------------------|--------------|
| <b>Witnessed By:</b> |              |
| <b>Company:</b>      | Balcomm Ltd  |
| <b>Date:</b>         | 05 Jan, 2018 |

|                             |                               |
|-----------------------------|-------------------------------|
| <b>Test Completed By:</b>   | Elgin Thomas                  |
| <b>Services Contractor:</b> | Tower Building Management LLP |
| <b>Date:</b>                | 05 Jan, 2018                  |

|                               |
|-------------------------------|
| <b>Comments:</b><br>fdgfdgdfg |
|-------------------------------|

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**System Schematic**

|                        |                      |
|------------------------|----------------------|
| <b>Project:</b>        | <b>Ref:</b> jghjghj  |
| <b>System:</b> system1 | <b>Sheet:</b> 1 of 2 |



|                               |                           |
|-------------------------------|---------------------------|
| <b>Engineer:</b> Elgin Thomas | <b>Date:</b> 06 Jan, 2018 |
|-------------------------------|---------------------------|

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**System Schematic**

|                        |                      |
|------------------------|----------------------|
| <b>Project:</b>        | <b>Ref:</b> gfdgdfg  |
| <b>System:</b> system1 | <b>Sheet:</b> 2 of 2 |



|                               |                           |
|-------------------------------|---------------------------|
| <b>Engineer:</b> Elgin Thomas | <b>Date:</b> 09 Jan, 2018 |
|-------------------------------|---------------------------|