

**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:**

sdfdsfdf

**Engineer:** Elgin Thomas

**Date:** 09 Jan, 2018

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**Fan Details & Performance Test Record**

<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	fk hfd	hfdjh
Type	fhjdfh	fh sd;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>
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<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> Grilling Comments
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<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> The System detailed within has been witnessed to the Clients representative, 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> ghjghj
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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> The System detailed within has been witnessed to the Clients representative, 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> 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> The System detailed within has been witnessed to the Clients representative, 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> 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
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