

BALCOMM LIMITEDCommissioning, Ductwork Cleaning
& Water Treatment**Fan Details & Performance Test Record**

Project: fanper test project	Ref: ref111
System: system1	Sheet: 1 of 18

FAN:

Item	Static Check	Comments
Make & Model	123	12
Type	31	1
Serial Number 1	23	1
Serial Number 2	45	54
Pulley/Shaft/Bush	654	65
Belt	4	654
Pitch Angle	65	4

MOTOR:

Item	Static Check	Comments
Make & Model	56465465	4
Frame	54	4
Serial Number 1	54	54
Serial Number 2	54	5
Power kw	45	4
Voltage Volt	54	54
Full Load Current amp	5.	4
Pulley & Bush Details	54	5

PERFORMANCE:

Item	Design Data	Test Data No.1	Test Data No.2
Volume Flow Rate m³/s	45.	46. 102%	564. 1253%
Fresh Air Inlet Pa	65	46	5465
Fan Suction Pa	4	654	654
Fan Discharge Pa	654	654	654
Fan Total Static Pa	654	654	654
External Resistance Pa	654	6546	54
Run Current R/Y/B amps	64.	654	564
Fan Speed rpm			

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

Comments:

fsgfg

Engineer: Francis Jacob

Date: 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: gfgfdg
System: system1	Sheet: 2 of 18

FAN:

Item	Static Check	Comments
Make & Model	45	4
Type	654	654
Serial Number 1	65	465
Serial Number 2	4	65
Pulley/Shaft/Bush	456	4
Belt	65	456
Pitch Angle	4	54

MOTOR:

Item	Static Check	Comments
Make & Model	654	65
Frame	4	654
Serial Number 1	65	4
Serial Number 2	654	654
Power kw	65	465
Voltage Volt	4	65
Full Load Current amp	456.	4
Pulley & Bush Details	564	564

PERFORMANCE:

Item	Design Data	Test Data No.1	Test Data No.2
Volume Flow Rate m³/s	56.	4. 7%	65. 116%
Fresh Air Inlet Pa	4	654	65
Fan Suction Pa	465	4	564
Fan Discharge Pa	654	564	65
Fan Total Static Pa	4	564	564
External Resistance Pa	65	45	64
Run Current R/Y/B amps	654.	54	564
Fan Speed rpm	564	65	4

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Item	Design Data	Test Data No.1	Test Data No.2
Motor Speed rpm	654	5	465

Comments:

465

Engineer: Francis Jacob

Date: 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: kumar
System: system1	Sheet: 3 of 18

FAN:

Item	Static Check	Comments
Make & Model	54	454
Type	45	54
Serial Number 1	5	456456
Serial Number 2	5	54
Pulley/Shaft/Bush	54	5
Belt	4	5
Pitch Angle	54	5

MOTOR:

Item	Static Check	Comments
Make & Model	54	54
Frame	56	45
Serial Number 1	4	5
Serial Number 2	45	4
Power kw	45	4
Voltage Volt	56	45
Full Load Current amp	56.	
Pulley & Bush Details	56	4

PERFORMANCE:

Item	Design Data	Test Data No.1	Test Data No.2
Volume Flow Rate m ³ /s	54.	5. 9%	0%
Fresh Air Inlet Pa	64	564	56
Fan Suction Pa	465	465	45
Fan Discharge Pa	64	564	56
Fan Total Static Pa	6	4	54
External Resistance Pa	56	45	64
Run Current R/Y/B amps	564.	5	645
Fan Speed rpm	64	56	456

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& Water Treatment

Item	Design Data	Test Data No.1	Test Data No.2
Motor Speed rpm	4	564	564

Comments:

56

Engineer: Francis Jacob**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: kumar
System:	Sheet: 4 of 18

FAN:

Item	Static Check	Comments
Make & Model		
Type		
Serial Number 1		
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 ³ /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			

BALCOMM LIMITED

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& Water Treatment

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

Comments:

455

Engineer: Elgin Thomas**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: vignesh
System:	Sheet: 5 of 18

FAN:

Item	Static Check	Comments
Make & Model		
Type		
Serial Number 1		
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 ³ /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			

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

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

Comments:

58

Engineer: Elgin Thomas**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: vignesh
System:	Sheet: 6 of 18

FAN:

Item	Static Check	Comments
Make & Model		
Type		
Serial Number 1		
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 ³ /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			

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

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

Comments:

58

Engineer: Elgin Thomas**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: vignesh
System:	Sheet: 7 of 18

FAN:

Item	Static Check	Comments
Make & Model		
Type		
Serial Number 1		
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 ³ /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			

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

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

Comments:

58

Engineer: Elgin Thomas**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: vignesh
System:	Sheet: 8 of 18

FAN:

Item	Static Check	Comments
Make & Model		
Type		
Serial Number 1		
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 ³ /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			

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

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

Comments:

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Engineer: Elgin Thomas**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: vignesh
System:	Sheet: 9 of 18

FAN:

Item	Static Check	Comments
Make & Model		
Type		
Serial Number 1		
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 ³ /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			

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

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

Comments:

58

Engineer: Elgin Thomas**Date:** 08 Mar, 2018

BALCOMM LIMITEDCommissioning, Ductwork Cleaning
& Water Treatment**Fan Details & Performance Test Record**

Project: fanper test project	Ref: vignesh
System:	Sheet: 10 of 18

FAN:

Item	Static Check	Comments
Make & Model		
Type		
Serial Number 1		
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 ³ /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			

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
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Item	Design Data	Test Data No.1	Test Data No.2
Motor Speed rpm			

Comments:

58

Engineer: Elgin Thomas**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: vignesh
System:	Sheet: 11 of 18

FAN:

Item	Static Check	Comments
Make & Model		
Type		
Serial Number 1		
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 ³ /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			

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

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

Comments:

58

Engineer: Elgin Thomas**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: vignesh
System:	Sheet: 12 of 18

FAN:

Item	Static Check	Comments
Make & Model		
Type	3	4
Serial Number 1		
Serial Number 2	7	8
Pulley/Shaft/Bush		
Belt	11	12
Pitch Angle		

MOTOR:

Item	Static Check	Comments
Make & Model	15	16
Frame		
Serial Number 1	19	20
Serial Number 2		
Power kw	23	24
Voltage Volt		
Full Load Current amp	27.	28
Pulley & Bush Details		

PERFORMANCE:

Item	Design Data	Test Data No.1	Test Data No.2
Volume Flow Rate m ³ /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

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

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

Comments:

58

Engineer: Elgin Thomas**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: vignesh
System:	Sheet: 13 of 18

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 m ³ /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

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

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

Comments:

58

Engineer: Elgin Thomas

Date: 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: manoj
System:	Sheet: 14 of 18

FAN:

Item	Static Check	Comments
Make & Model	58	57
Type	56	55
Serial Number 1	54	53
Serial Number 2	52	51
Pulley/Shaft/Bush	50	49
Belt	48	47
Pitch Angle	46	45

MOTOR:

Item	Static Check	Comments
Make & Model	44	43
Frame	42	41
Serial Number 1	40	39
Serial Number 2	38	37
Power kw	36	35
Voltage Volt	34	33
Full Load Current amp	32.	31
Pulley & Bush Details	30	29

PERFORMANCE:

Item	Design Data	Test Data No.1	Test Data No.2
Volume Flow Rate m ³ /s	28.	27. 96%	26. 93%
Fresh Air Inlet Pa	25	24	23
Fan Suction Pa	22	21	20
Fan Discharge Pa	19	18	17
Fan Total Static Pa	16	15	14
External Resistance Pa	13	12	11
Run Current R/Y/B amps	10.	9	8
Fan Speed rpm	7	6	5

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Item	Design Data	Test Data No.1	Test Data No.2
Motor Speed rpm	4	3	2

Comments:

1

Engineer: Elgin Thomas

Date: 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: jeeva
System: system1	Sheet: 15 of 18

FAN:

Item	Static Check	Comments
Make & Model	1	1
Type	1	1
Serial Number 1	1	1
Serial Number 2	1	1
Pulley/Shaft/Bush	1	1
Belt	1	1
Pitch Angle	1	1

MOTOR:

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

PERFORMANCE:

Item	Design Data	Test Data No.1	Test Data No.2
Volume Flow Rate m³/s	3.	3. 100%	0%
Fresh Air Inlet Pa	3	3	3
Fan Suction Pa		3	3
Fan Discharge Pa	3	3	3
Fan Total Static Pa	3	3	3
External Resistance Pa	3	3	3
Run Current R/Y/B amps	3.	3	3
Fan Speed rpm	3	3	3

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Item	Design Data	Test Data No.1	Test Data No.2
Motor Speed rpm	3	3	3

Comments:

3

Engineer: Francis Jacob

Date: 08 Mar, 2018

BALCOMM LIMITEDCommissioning, Ductwork Cleaning
& Water Treatment**Fan Details & Performance Test Record**

Project: fanper test project	Ref: mohan
System:	Sheet: 16 of 18

FAN:

Item	Static Check	Comments
Make & Model	2	2
Type	2	2
Serial Number 1	2	
Serial Number 2	2	2
Pulley/Shaft/Bush	2	2
Belt	2	22
Pitch Angle	2	2

MOTOR:

Item	Static Check	Comments
Make & Model	3	3
Frame	3	3
Serial Number 1	3	3
Serial Number 2	3	3
Power kw	3	3
Voltage Volt	3	3
Full Load Current amp	3.	3
Pulley & Bush Details	3	

PERFORMANCE:

Item	Design Data	Test Data No.1	Test Data No.2
Volume Flow Rate m ³ /s	333.	3. 1%	34. 10%
Fresh Air Inlet Pa	4	44	44
Fan Suction Pa	4	4	44
Fan Discharge Pa	4	4	444
Fan Total Static Pa	5	5	5
External Resistance Pa	5	5	5
Run Current R/Y/B amps	5.	5	5
Fan Speed rpm		55	5

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Item	Design Data	Test Data No.1	Test Data No.2
Motor Speed rpm	55	5	5

Comments:

5

Engineer: Super Admin**Date:** 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: sample reference
System: system1	Sheet: 17 of 18

FAN:

Item	Static Check	Comments
Make & Model	1	2
Type	3	45
Serial Number 1	6	56
Serial Number 2	645	45
Pulley/Shaft/Bush	54	54
Belt	5	4564
Pitch Angle	5	45

MOTOR:

Item	Static Check	Comments
Make & Model	4	564
Frame	564	564
Serial Number 1	564	5
Serial Number 2	4	54
Power kw	564	564
Voltage Volt	564	54
Full Load Current amp	5.	64
Pulley & Bush Details	54	564

PERFORMANCE:

Item	Design Data	Test Data No.1	Test Data No.2
Volume Flow Rate m ³ /s	56.	45. 80%	564564. 1008150%
Fresh Air Inlet Pa	54	4	5
Fan Suction Pa	64		45
Fan Discharge Pa	4	54	5
Fan Total Static Pa	4564	5456	54
External Resistance Pa	546	5456	5465
Run Current R/Y/B amps	45465.	4565	546
Fan Speed rpm	65	465	4

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Item	Design Data	Test Data No.1	Test Data No.2
Motor Speed rpm	54	564	456

Comments:

654564

Engineer: Francis Jacob

Date: 09 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Fan Details & Performance Test Record

Project: fanper test project	Ref: sample reference
System:	Sheet: 18 of 18

FAN:

Item	Static Check	Comments
Make & Model		454
Type	4565	45
Serial Number 1	64	54
Serial Number 2	54	54
Pulley/Shaft/Bush	564	45
Belt	5456	54
Pitch Angle	54	4

MOTOR:

Item	Static Check	Comments
Make & Model	4	4
Frame	4	4
Serial Number 1	6	
Serial Number 2	5	5
Power kw	5	5
Voltage Volt	5	5
Full Load Current amp	5.	5
Pulley & Bush Details		55

PERFORMANCE:

Item	Design Data	Test Data No.1	Test Data No.2
Volume Flow Rate m³/s	5.	5. 100%	5. 100%
Fresh Air Inlet Pa	5	5	5
Fan Suction Pa	5	5	4
Fan Discharge Pa	6	8	4
Fan Total Static Pa	5	6	45
External Resistance Pa	5	56	4
Run Current R/Y/B amps	4.	4	4
Fan Speed rpm	5	5	6

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Item	Design Data	Test Data No.1	Test Data No.2
Motor Speed rpm	5	5	5

Comments:

5

Engineer: Elgin Thomas

Date: 08 Mar, 2018

BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Direct Volume Grilling Record Sheet

Project: fanper test project	Ref: dummy ref
System: system1	Sheet: 1 of 7

Design Information			Measured				
Ref No.	Grille Size (mm)	Design Volume l/s	Final Volume l/s	Correction Factor	Actual Volume l/s	%	Setting
		0	0	0.00	0	0.000	

Hood Correction Factor Is Served By Dividing The Duct	Duct Total l/s:	0.000
Pitot Traverse Volume By The Grille Indicated Volume	Hood/Grille Total:	0.000
Direct Volume Reading Using Alnor Hood	Correction Factor:	0.00

Comments:

Engineer: Francis Jacob	Date: 09 Mar, 2018
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BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Direct Volume Grilling Record Sheet

Project: fanper test project	Ref: dummy ref1
System: system1	Sheet: 2 of 7

Design Information			Measured				
Ref No.	Grille Size (mm)	Design Volume l/s	Final Volume l/s	Correction Factor	Actual Volume l/s	%	Setting
		0	0	0.00	0	0.000	

Hood Correction Factor Is Served By Dividing The Duct	Duct Total l/s:	0.000
Pitot Traverse Volume By The Grille Indicated Volume	Hood/Grille Total:	0.000
Direct Volume Reading Using Alnor Hood	Correction Factor:	0.00

Comments:

Engineer: Francis Jacob	Date: 09 Mar, 2018
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BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Direct Volume Grilling Record Sheet

Project: fanper test project	Ref: jeevan786
System: system1	Sheet: 3 of 7

Design Information			Measured				
Ref No.	Grille Size (mm)	Design Volume l/s	Final Volume l/s	Correction Factor	Actual Volume l/s	%	Setting

Hood Correction Factor Is Served By Dividing The Duct	Duct Total l/s:	5.200
Pitot Traverse Volume By The Grille Indicated Volume	Hood/Grille Total:	544.000
Direct Volume Reading Using Alnor Hood	Correction Factor:	0.01

Comments:

This is the first commAirDirGrillRcd sheet

Engineer: Francis Jacob	Date: 09 Mar, 2018
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BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Direct Volume Grilling Record Sheet

Project: fanper test project	Ref: jeevan786
System: system1	Sheet: 4 of 7

Design Information			Measured				
Ref No.	Grille Size (mm)	Design Volume l/s	Final Volume l/s	Correction Factor	Actual Volume l/s	%	Setting
r	8	5	5	0.00	5	1.000	5

Hood Correction Factor Is Served By Dividing The Duct	Duct Total l/s:	5.200
Pitot Traverse Volume By The Grille Indicated Volume	Hood/Grille Total:	544.000
Direct Volume Reading Using Alnor Hood	Correction Factor:	0.01

Comments:

This is the first commAirDirGrillRcd sheet

Engineer: Francis Jacob	Date: 09 Mar, 2018
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BALCOMM LIMITEDCommissioning, Ductwork Cleaning
& Water Treatment**Direct Volume Grilling Record Sheet**

Project: fanper test project	Ref: 11112
System: system1	Sheet: 5 of 7

Design Information			Measured				
Ref No.	Grille Size (mm)	Design Volume l/s	Final Volume l/s	Correction Factor	Actual Volume l/s	%	Setting
r	1	4	8	0.00	0	0.000	5
e	0	2	8	0.00	0	0.000	6

Hood Correction Factor Is Served By Dividing The Duct	Duct Total l/s:	56.000
Pitot Traverse Volume By The Grille Indicated Volume	Hood/Grille Total:	78633.000
Direct Volume Reading Using Alnor Hood	Correction Factor:	65.00

Comments: 33337777

Engineer: testuser testuser	Date: 31 Mar, 2018
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BALCOMM LIMITEDCommissioning, Ductwork Cleaning
& Water Treatment**Direct Volume Grilling Record Sheet**

Project: fanper test project	Ref: 11112
System: system1	Sheet: 6 of 7

Design Information			Measured				
Ref No.	Grille Size (mm)	Design Volume l/s	Final Volume l/s	Correction Factor	Actual Volume l/s	%	Setting
		0	0	0.00	0	0.000	
78	454	41	45	0.10	0	11.000	4687878
11	11	1	500	0.10	50	5000.000	55
78	454	41	45	0.10	5	11.000	4687878

Hood Correction Factor Is Served By Dividing The Duct	Duct Total l/s:	0.000
Pitot Traverse Volume By The Grille Indicated Volume	Hood/Grille Total:	0.000
Direct Volume Reading Using Alnor Hood	Correction Factor:	0.00

Comments: 33337777

Engineer: testuser testuser	Date: 31 Mar, 2018
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BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Direct Volume Grilling Record Sheet

Project: fanper test project	Ref: updatereff44
System: system1	Sheet: 7 of 7

Design Information			Measured				
Ref No.	Grille Size (mm)	Design Volume l/s	Final Volume l/s	Correction Factor	Actual Volume l/s	%	Setting
11	11	1	500	0.11	55	5500.000	55
ref111	454	564	5451	0.00	0	0.000	54
45	54	54	5524	0.00	0	0.000	985

Hood Correction Factor Is Served By Dividing The Duct	Duct Total l/s:	55.500
Pitot Traverse Volume By The Grille Indicated Volume	Hood/Grille Total:	55.900
Direct Volume Reading Using Alnor Hood	Correction Factor:	0.85

Comments:

updatew one44

Engineer: testuser testuser	Date: 21 Mar, 2018
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BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

System Witness Certificate

Project: fanper test project	Ref: sam
System: system1	Sheet: 1 of 1
<p style="text-align: center;">System Witness Certificate The System detailed within has been witnessed to the Clients representative, the test data is a true record of the system performance achieved.</p>	

Witnessed By:	Elgin Thomas
Company:	Balcomm Ltd
Date:	27 Mar, 2018

Test Completed By:	Francis Jacob
Services Contractor:	3 CET
Date:	31 Mar, 2018

Comments: fhjfggh

Piot Volume Test Record

Project: fanper test project	Ref: ewrew
System: system1	Sheet: 1 of 3

Design Information		Measured										
Traverse Ref.	gfdg									Total Velocity m/s 9703.000 Design % No Test Points Static Pressure (Pa)	Average Velocity m/s 1212.880 432 823 23.0	Actual Volume m³/s 1.213
Traverse Location	fdgdfg											
Duct Size mm	32.000 32.000											
Duct Area m²	0.001											
Flow Rate m³/s	32.000											
		1	2	3	4	5	6	7	8			
		3.0	32.0	2323.0	3223.0	233.0	233.0	233.0	3423.0			

Comments:

3322323

Engineer: Francis Jacob

Date: 22 Mar, 2018

Piot Volume Test Record

Project: fanper test project	Ref: refkaja
System: system1	Sheet: 2 of 3

Design Information		Measured																										
Traverse Ref.	ref1234	<table><tr><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th></tr><tr><td>54.0</td><td>89.0</td><td>15.0</td><td>35.0</td><td>17.0</td><td>56.0</td><td>3.6</td><td>51.0</td></tr></table>								1	2	3	4	5	6	7	8	54.0	89.0	15.0	35.0	17.0	56.0	3.6	51.0	Total Velocity m/s	Average Velocity m/s	Actual Volume m³/s
1	2									3	4	5	6	7	8													
54.0	89.0									15.0	35.0	17.0	56.0	3.6	51.0													
Traverse Location	coimbatore									320.600	40.080	17835.600																
Duct Size mm	45.000 62.000									Design %		39635																
Duct Area m²	445.000									No Test Points		8																
Flow Rate m³/s	45.000	Static Pressure (Pa)		71.0																								

Comments: first plot res

Engineer: Francis Jacob	Date: 31 Mar, 2018
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BALCOMM LIMITED

Commissioning, Ductwork Cleaning
& Water Treatment

Piot Volume Test Record

Project: fanper test project	Ref: refkaja
System: system1	Sheet: 3 of 3

Design Information			Measured										
Traverse Ref.	ref1234		1	2	3	4	5	6	7	8	Total Velocity m/s 400.600 Design % No Test Points Static Pressure (Pa)	Average Velocity m/s 16.690 16505 24 71.0	Actual Volume m³/s 7427.050
Traverse Location	coimbatore		54.0	89.0	15.0	35.0	17.0	56.0	3.6	51.0			
			1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0			
			2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0			
Duct Size mm	45.000	62.000											
Duct Area m²	445.000												
Flow Rate m³/s	45.000												

Comments:

first plot res

Engineer: Francis Jacob**Date:** 31 Mar, 2018