BALCOMM LIMITED

Commissioner Dischart Circumg 8: Weller Dischment



Project:	Ref.: auto							
System:	Sheet: auto of auto							
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								
Witnessed By:	auto (8)							
Company:	auto (S)							
Date:	auto (S)							
Test Completed By:	auto							
Services Contractor:	auto							
Date:	auro							
Comments:								





Engineer:

Report Sheet

Project:	auto	Ref.: auto
System:	auto	Sheet: Who of auto
Client	Wo	
TS	-T	
	=======================================	
de		

Date:

BALCOMM LIMITED



Correspondence of the State of the Control of the C

System Schematic

Project:	auto	Ref: (LUTO
System:	auto	Sheet: auto of au
	VISIO - CMARTH &	
neer:	CEUTO	Date: Who

Commussioning Air

BALCOMM LIMITED

Commissioning, Ductivork Cleaning & Water Treatment

Air System Pre-Commissioning Checks

Project: Auro	Ref.:			
System:		Sheet: Auto of A to		
System: Auro		sueer: 1018 of Abo		
General	Check	Comments		
Installation Complete	X	TEXT		
Fire Dampers Open & Operational	90			
Balancing Dampers Open	X			
Grilles & Diffuser Open	- X			
Fan Chambers Clean	× 1			
Ductwork Clean	- X	\$\forall T		
Fan Mechanical Checks				
Transit Bolts Removed	K L	1861		
Pulleys Secure On Shaft	- XX			
Pulley Alignment & Belt Tension	X			
Motor & Pump Bearing Lubrication	A			
Filters In Position & Clean	Ma-			
Drive Guards Fitted	W			
Electrical Checks				
Starter Overload Settings	26	TEXT		
Electrical Supply Available	W	TEXT		
nitial Start	- 5			
Direction Of Rotation Of Motor Shaft	(A)	TEXT		
Motor Running Currents (All Phases)	<u> </u>	TEXT		
Comments:				
OK = Yes	X = No	N/A = Not Applicable		
ingineer:		Date: Auto		



BALCOMM LIMITED Commissioning Decreene Cleaning & Water Treasment

Fan Detail & Performance Test Record

	AM		Ref.: ATC)
/stem:	AMO		Sheet: ATO	of Aut
	Item	Static Check	Com	ments
	Make & Model		TEX	-
	Туре			
χī	Serial Number 1			
FAN	Serial Number 2			
	Pulley/Shaft/Bush			
	Belt			
	Pitch Angle	4/	1	
		N. S.		
	Item	Static Check	Comi	ments
	Make & Model	TEXT	TEXT	
	Frame			
3	Serial Number 1			
MOTOR	Serial Number 2	*		
×	Power kv			
	Voltage Vol	t TOXX		
	Full Load Current am	p number 2 account	7	
			7	
	Full Load Current am Pulley & Bush Detail	Design Data	Test Data No.1	Test Data No.2
	Full Load Current am Pulley & Bush Detail	Design Data	Test Data No.1	Test Data No.2
	Full Load Current am Pulley & Bush Detail	Design Data	Test Data No.1	Victoria III and a
PERI	Full Load Current amp Pulley & Bush Detail Item Volume Flow Rate m³/s	Design Data S Wanter 3 wermen	Test Data No.1	3 DECLINA YOURLA
PERFOR	Full Load Current amp Pulley & Bush Detail Item Volume Flow Rate m³/s Fresh Air Inlet Pa	Design Data S Warrand The transfer of the control	Test Data No.1	3 DECLINA YOURLA
PERFORMA	Full Load Current amp Pulley & Bush Detail Item Volume Flow Rate m³/ Fresh Air Inlet Pa Fan Suction Pa	Design Data S V S C C C C C C C C C C C C C C C C C	Test Data No.1	3 DECLINA YOURLA
PERFORMANO	Full Load Current amp Pulley & Bush Detail Item Volume Flow Rate m³/ Fresh Air Inlet Pa Fan Suction Pa Fan Discharge Pa Fan Total Static Pa	Design Data Successed a a a	Test Data No.1	3 DECLINA YOURLA
PERFORMANCE	Full Load Current amp Pulley & Bush Detail Item Volume Flow Rate m³/ Fresh Air Inlet Para Suction Para Discharge Para Total Static Para External Resistance Para	Design Data S V S C C C C C C C C C C C C C C C C C	Test Data No.1	3 Decimo 40002LA
PERFORMANCE	Full Load Current amp Pulley & Bush Detail Item Volume Flow Rate m³/s Fresh Air Inlet Para Suction Para Discharge Para Total Static Para External Resistance Run Current R/Y/B amps	Design Data Successed a a a	Test Data No.1	Social Goodell

Commussioning-Air

BALCOMM LIMITED Commissioning: Durtuserk Creating & Water Treatment

Pitot Volume Test Record

Project:	AND								Ref.:	A	70		
	1									1		_4	
System:	AVT	0							Sheet	ATO	of	4010	
De sien le	forms at a s	T				E:	and Mar		Volume				
	formation		1 -					_	_		Averer	Astront	
Traverse	TEXT	1	2	3	4	5	6	7	8	Total Velocity	Average Velocity	Actual	
Ref.: Traverse		-	NU	NA	124	-	-	-		m/s	m/s	Volume m³/s	
	TOXT		-	-	1	201	IN	a		Number	5 mm	الاسلم	
Location		-			-	UE	CX VV	(EU)		1 QUI HOW	Loccional	Sychen	
Duct Size	Winds x Noutes		-	-	-		-		-	Commis	Co my o	Numbel	
mm										Des	ign %	C DECIMI	
Duct	Municer Thermal	-	1		-							formula	
Area m²		-	1		1				-	No Te	st Points	Numbe	
	Number				-		-				essure (Pa)	Number	
Rate m ³ /s	3 decimal									Static Pi	essure (Fa)	v deco	
Design In	formation					Fi	nal Mea	sured	Volume	<u> </u>			
Traverse	To this did to the	1	2	3	4	5	6	7	8	Total	Average	Actual	
Ref.:	TEXT	•	<u> </u>					Ė		Velocity	Velocity	Volume	
Traverse										m/s	m/s	m³/s	
Location	TEXT		-		. 7						1.7	,.	
Duct Size				\vdash		-							
mm	x			1	<u> </u>								
Duct	/	XX	(7)							Design %			
Area m ³	4	V											
Flow										No Te	st Points		
Rate m³/s									-		essure (Pa)		
Mate III /3										00000			
Design Inf	ormation					Fir	nal Mea	sured	Volume	!S			
Traverse		1	2	3	4	5	6	7	8	Total	Average	Actual	
Ref.:	TEXT									Velocity	Velocity	Volume	
Traverse					n					m/s	m/s	m³/s	
Location					10	1							
Duct Size	~C		XX	0)									
mm	X		VV							-	5/		
Duct	4									Des	ign %		
Area m²													
Flow			1							No Tes	No Test Points		
Rate m³/s										Static Pre	Static Pressure (Pa)		
ngineer:	A 75								Date:	A	7		

Commissioning - Air



Grille Balance Test Record

Project:	H	OTO			Ref.: Auto					
System:	A	ريان				Sheet:	WTO	of +	סוט	
	Des	ign Inform	ation		1		Measured			
Grille No.	Grille or Hood Size (mm)	Area m²	Design Volume m³/s	Design Velocity m/s	Final Velocity m/s	Measured Volume m³/s	Correction Factor	Actual Volume m³/s	Design %	
TXT	Text	Toxt	Number	Niceriba	Numbe	Number	Number	Window	Numbe	
1			3 do comal	2 ox comed	2 der (mal	3 decimal	2 deciminal	3 permet	a decin	
		-		Cornula		Corvula	Cormula	formula	Cornell	
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			1	\ /	v j					
7					- 0		Ü.	u	₩	
	ing hood corr						Duct Total m ³ /s Hood/Grille Tot			
tot travers	se volume by	the total o	i the grine in	uicateu voiui	iie .		Correction Fact		11	
mments:										
	1									
7	K									
gineer:	AUR					Date:	AUTO			

(ommissioning air

BALCOMM LIMITED

Commerciality Particol Cleaning
3. Writer Teachners

Direct Volume Grille Record Sheet

Project:	ATT			Ref.: ATO						
System:	An	5		Sheet:	AUTO	of /	un			
	Design In	formation			Measured					
Ref No.	Grille Size (mm)	Design Volume I/s	Final Volume I/s	Correction Factor	Actual Volume I/s	%	Setting			
DUT I	Text	Number () circuit		Number	number o decimal	N multer	Text			
		1	1	2 chermal	forma	formula	1			
						1				
*	4	<i>Q</i>	V	-	V	\vee	V			
ot Traver	se Volume By The Gr	d By Dividing The Duct rille Indicated Volume			Duct Total I/s: Hood/Grille Tot		(,			
rect Volun	ne Reading Using Alı	nor Hood			Correction Fact		brull			
mments:	TIST									





Engineer:

Variable Air Volume Control Box Test Record

System										AU	70	
•		STA							Sheet:	Auto) of *	luro
	Desi	gn Informati	On.			Me	asured			Mea	sured	
Vav Ref. No.	Vav Address Ref.	Vav Nominal Volume	Max Flow m³/s	Min Flow m³/s	Min ΔP Pa	Min Volts V	Min Vol. m³/s	Min %	Max ΔP Pa	Max Volts V	Max Vol. m³/s	Max %
TEXT	TEXT	Toxt	Numb	T	minimble	Number	Numbe	W Number	Number	Number	Namel	Numbe
1			3 250	mill	1 Defend	18: comi	Same	U O CELLING	1000 CINO	1 de Comed	3 July	
_				+				formula		7		formula
-												-
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				_								
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				-							+	
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		-	V	t		W		V	V	7	4	4
4	THE STATE OF THE S											
omment	S: T											

Commissioning - ATT



Constant Air Volume Control Box Test Record

Project:	Aur	0			Ref.:	Au	0	
System:	A	TO			Sheet:	AUTO	of	Ano
	Design In	formation				Mea	sured	
CAV	CAV	CAV	Max	Max	Max	Max	Max	
Ref.	Address	Design	Flow	ΔΡ	ΔΡ	Volts	Vol.	Max %
No.	Ref.	Volume	m³/s	Pa	Pa	V	m³/s	
TEXT	TEXT	Number	ilumber	Number	Junker	Number	Number	Number
		3 decimal		2 decimal	2 decimal	2 decimal	3 decimal	o docina
		7,760		1- 40-11-11		2 0 2 1,1,1		0/0
				1		1		
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			51	4	1201	W.		200
4	7	W						U.
omments:	TOST							
	i							
	V							
ngineer:	An				Date:	AUTO		

BALCOMM LIMITED

Commissioning, Doctrook Chaning

& Wann Treatment



FCU Validation Check List

Project: ATO	Ref: ATO
System: ATO	Sheet: AVTO Of AU
FCU No.	TEXT
Fan Manufacturer	TEXT
Fan Model/Age	TEXT
Fan Serial No.	TCXT
Fan Speed Setting	
Fan Controller Type/Manufacturer	
FCU Chilled Cartridge Type/Manufacturer	
FCU Heating Cartridge Type/Manufacturer	
Visual Inspection For Damage/Corrosion/ Firmness of Fixings	
Valve Operation Open/Close/No Leaks	
Grille Obstructions	
Fresh Air Fitted	
Condensate Test	
Does Speed Controller Work/Noisy	
ilter Ok	
/isual Inspection of Coils	
Does Chilled/Heating Damper Work	
Ooes BMS Control for Heating/Cooling Work	
risual Inspection of Electrical Connections	a.
comments	
ngineer:	Date: A70