CERTIFIED TEST ADJUST & BALANCE REPORT

Report Cover Option 1

Final Balance Report

PROJECT: Sample Project Report

LOCATION: 12345 99 st. Edmonton, AB

ARCHITECT: Architect Consulting

MECH. ENGINEER: Mech. Design Co.

GEN. CONTRACTOR: General Contracting Ltd.

MECH. CONTRACTOR: Mechanical Inc.

HVAC CONTRACTOR: HVAC Heating and Cooling Ltd.

REPORT PREPARED BY: Evan Goransrud

FIELD TECHNICIAN: Justin Goransrud

PROJECT NUMBER: 1234

DATE: 2020-01-01

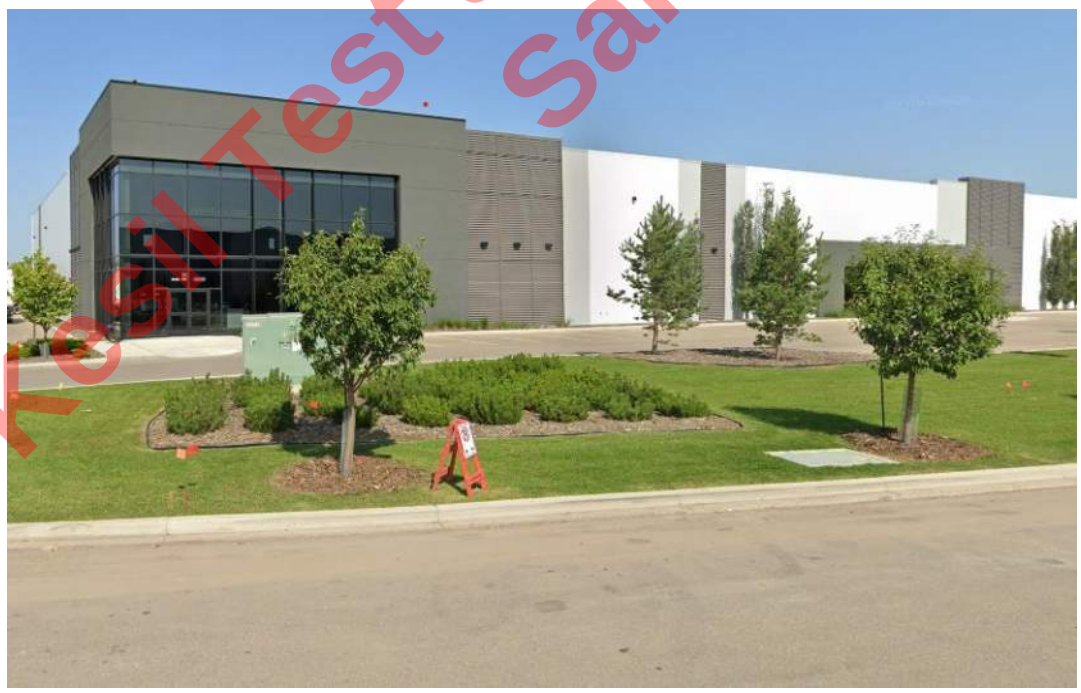
PO BOX 3295 SPRUCE GROVE AB T7X 0J2
780-977-6496 hello@kesil.ca

Certified Test and Balance Report

Report Cover Option 2

Sample Project Report
12345 99 st. Edmonton, AB

Final Report
1/1/2020



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Distribution List Option 1

Distribution

Please ensure that this document is submitted to all appropriate parties.

Owner/Client: Client Co.
Contact Person: John Client
Phone: 780-123-4567
Email -

Architect: Architect Consulting
Contact Person: Jane Smith
Phone: 587-123-1234
Email -

Mech. Engineer: Mech. Design Co.
Contact Person: Kevin Johnson
Phone: 780-123-0000
Email -

Gen. Contractor: General Contracting Ltd.
Contact Person: Bob Jones
Phone: 587-123-4567
Email -

Mech. Contractor: Mechanical Inc.
Contact Person: Windy Brown
Phone: 780-000-1234
Email -

HVAC Contractor: HVAC Heating and Cooling Ltd.
Contact Person: Robert Williams
Phone: 780-000-4321
Email -

(Extra Space) Cx Agent: Cx Commissioning Service Inc.
Contact Person: Michael White
Phone: 587-123-9876
Email -

(Extra Space) Controls: BAS Controls Co.
Contact Person: Mark Wilson
Phone: 587-000-1234
Email -

Extra: -
Contact Person: -
Phone: -
Email -

Extra: -
Contact Person: -
Phone: -
Email -

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Distribution List Option 2

Distribution

Please ensure that this document is submitted to all appropriate parties.

Client Co.

Owner/Client: Client Co.
Contact Person: John Client
Phone: 780-123-4567
Email -

Architect Consulting

Architect: Architect Consulting
Contact Person: Jane Smith
Phone: 587-123-1234
Email -

Mech. Design Co.
Consulting

Mech. Engineer: Mech. Design Co.
Contact Person: Kevin Johnson
Phone: 780-123-0000
Email -

General Contracting Ltd.

Gen. Contractor: General Contracting Ltd.
Contact Person: Bob Jones
Phone: 587-123-4567
Email -

Mechanical inc.

Mech. Contractor: Mechanical Inc.
Contact Person: Windy Brown
Phone: 780-000-1234
Email -

HVAC Heating And Cooling Ltd.

HVAC Contractor: HVAC Heating and Cooling Ltd.
Contact Person: Robert Williams
Phone: 780-123-4321
Email -

Cx Commissioning Service Inc.

(Extra Space) Cx Agent: Cx Commissioning Service Inc.
Contact Person: Michael White
Phone: 587-123-9876
Email -

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Table of Contents

kesil Test and Balance Ltd.
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Abbreviations

Abbreviation	Description
EF	Exhaust fan
ACCU	Air Cooled Condensing Unit
ACH	Air Changes Per Hour
ACT	Actual
AD	Access door
AFF	Above finished floor
AFMS	Air flow measuring station
AHJ	Authority having jurisdiction
AHU	Air Handling Unit
ATU	Air terminal unit
BAS	Building Automation System
BHP	Brake horsepower
BTU	British thermal unit
BTUH	British thermal units per hour
CB	Catch Basin
CD	Ceiling diffuser
CFH	Cubic feet per hour
CFM	Cubic feet per minuet
CHWR	Chilled Water Return
CHWS	Chilled Water Supply
CKV	Commercial Kitchen Ventilation
CLG	Ceiling
CO	Carbon Monoxide
COND.	Condenser
CRAC	Computer room air conditioner
CRU	Computer room unit
CT	Cooling Tower
CU	Condensing unit
CWR	Condenser Water Return
CWS	Condenser Water Supply
CxA	Commissioning Authority
DAH	Ductless air handler
DB	Dry bulb
DCV	Demand Control Ventilation
DHP	Ductless heat pump
DIA	Diameter
DIFF	Diffuser
DMPR	Damper
DP	Differential Pressure

Abbreviation	Description
DR	Deficiency report
EAT	Entering air temperature
EG / EAG	Exhaust grille
EH	Electric heater
EH	Electric heater
EMS	Energy management system
EMS	Energy Management System
ERU	Energy recovery unit
ESP	External static pressure
EVAP	Evaporator
EWT	Entering water temperature
EX / (E)	Existing
EXH / EA	Exhaust / Exhaust air
EXT	Exterior
EXTR	Existing to remain
FCU	Fan Coil Unit
FD / SFD	Fire damper / Smoke fire damper
FF	Fly fan
FLA	Full load amps
FPB	Fan powered box
GA	Gauge
GC	General Contractor
GPM	Gallons per minute
GR	Grille
GRD	Grille Register Diffuser
GSHP	Ground Source Heat Pump
HP	Horse power
HWR	Hot Water Return
HWS	Hot Water Supply
HX	Heat Exchanger
HZ	Hertz
I.D.	identification
IAQ	Indoor air quality
ID	Inside diameter
IN.W.G.	Inches of water gauge
K / Ak	Correction factor / Area known
KW	Kilowatts
LAT	Leaving air temperature
LD	Linear Diffuser

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Abbreviations

Abbreviation	Description
L/s	Liters Per Second
LV	Low voltage
LWT	Leaving water temperature
m	Meters
m/s	Meters Per Second
MBH	Thousand Btu/hr.
MEP	Mechanical, Electrical, Plumbing
MFR	Manufacturer
MIN	minimum
mm	Millimeters
MUA	Make-up air unit
MVD	Manual volume damper
N/A	Not applicable
N/D	No design information provided
NL	Not listed on design drawing
NTS	Not to scale
OA	Outside air
OBD	Opposed blade damper
OD	Outside diameter
PD	Pressure drop
PH	Phase
Prim	Primary
PSI	Pounds per square inch
PTAC	Packaged Terminal Air Cond.
RA	Return air
REG	Register
REV	Revision
RH	Relative humidity
RPM	Revolutions per minute
RTU	Rooftop unit
RVA	Rotating vane anemometer
Rx	Remove existing
S.F.	Service factor
SA	Supply air

Abbreviation	Description
SCR	Silicon Controlled Rectifier
SF	Square feet
SPEC	Specification
SS	Stainless steel
SUCT	Suction
SW	Side Wall
TAB	Testing, Adjust, and Balance
TACH	Tachometer
TD	Transfer duct
TEMP	Temporary
TG	Transfer grille
TP	Total Pressure
TSP	Total static pressure
TU	Terminal Unit
TYP	Typical
UG	Underground
UON	Unless otherwise noted
UTR	Up thru roof
VAV	Variable air volume
VFD	Variable Frequency Drive
V-PH	Volt-phase
VRF	Variable Refrigerant Flow
VRV	Variable Refrigerant Volume
VSD	Variable speed drive
VTR	Vent thru roof
VVT	Variable Volume Terminal
W/	With
WB	Wet bulb
WSHP	Water source heat pump
ZD	Zone Damper

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Certification Statement

Project Name: Sample Project Report

The data recorded in this report represents exact and accurate measurements of system performance and was obtained in strict accordance with National Balancing Council standard procedures. Variances, if any, from design criteria exceeding NBC tolerances are noted where appropriate in this report.

Testing, adjusting and balancing, and all final adjustment to the air and/or hydronic distribution system have been made in stringent compliance with NBC "Certified Balancing Specification" for Testing, Adjusting, Balancing of Environmental Systems (23 05 93) and the project specifications.

NBC Certified TAB Firm: Kesil Test and Balance Ltd.
Certification Number: 108160
Expiration Date: 2021-09-15
Certified TAB Supervisor: Evan Goransrud
Certification Number: 17-359-03
Expiration Date: 9/15/2021

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Project: Sample Project Report
Project #: 1234

Date: 2020-01-01
Technician: Justin Goransrud

Test Instrument Calibration Report

Instrument	Make	Model	Serial	Application	Cal. Date
Flow Hood	Evergreen	CH-15D	1900115	Airflow Measurements	1-Mar-19
Manometer	Evergreen	S-PVF-1	1900195	Pressure and Velocity Measurements	21-Mar-19
Thermal Anemometer	Testo	405i	489345607	Air Velocity Measurements	27-Mar-19
Hygrometer	Evergreen	S-H3-5"	1900133	WB, DB Temperature Measurements	12-Mar-19
Tachometer	Shimpo	MT-200	B187B5001P	Rotational Speed Measurements	25-Mar-19
Thermometer	Evergreen	S-T-5	1900112	DB Temperature Measurements	7-Mar-19
Electric Meter	Fluke	902 FC	41280451WS	Volts, AMPs Measurements	25-Mar-19
Immersion Probe	Evergreen	PR-T-4-6	1900137	Hydronic Liquide Temperature Measurement	12-Mar-19
Surface Temperature	Kingsway	KWP1	K18638	Hydronic Surface Temperature Measurements	13-Nov-19
Hydronic Manometer	TSI/Alnor	HM685	71646108	Hydronic Flow and Pressure Measurements	26-Mar-19
Rotating Vane Anemometer	Reed Instruments	SD-4207 SD	Q797295	Air Velocity Measurements	15-Feb-19
Velocity Grid	Dwyer	-	-	Air Velocity Measurements	NA
Pitot Tube	18" & 40"	-	-	Air Velocity Measurements	NA

*NIST Traceable Calibration Certificates for each instrument will be provided upon requests.

Remarks:	

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Kesil Contact Summery

The Following is a list of essential Kesil personal on this project.

Name: Justin Goransrud
Project Position: Project Manager
Area of Work: Lead Tech, Site Coordination
Phone: 780-000-0000
Email: -

Name: Lucas Holland
Project Position: Lead Tech
Area of Work: Lead Tech
Phone: 780-000-0000
Email: -

Name: Evan Goransrud
Project Position: TAB Supervisor
Area of Work: Report
Phone: 780-000-0000
Email:

Name: -
Project Position: -
Area of Work: -
Phone: -
Email: -

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Contractual Scope of Work

The Following is the details to the contractual scope of work including any Change Orders and/or Site Instructions

Contracted By: Mechanical Inc. **Date Awarded:** 2020-01-01

Scope of Work Based On

Blue Print Pages: M300-M390 **Dated:** 2020-01-01
Specifications: 23-05-93 **Dated:** 2020-01-01
Other: - **Dated:** -

Work To be Preformed

HVAC Air Systems

Air TAB: ☑ Fire Damper Verification: ☑ Duct Leakage Testing: ☐ Aeroseal: ☐

Hydronic and Water Systems

Hydronic TAB: ☑ Domestic Water TAB: ☐

Specialty Testing

Sound Testing: ☑ Vibration Testing: ☐ Fume Hood Testing: ☐

Written description of work to be performed:

Balancing of …

Additional Items Such as Addendums, Change Orders and Site Instructions

Document	Dated	Date Received	Notes
CCN-36	2019-11-01	2020-01-01	Two New Exhaust Fans Add to System.

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Warranty Statement

The Following is the Warranty Details.

TAB Work is warrantied for one year from date of report. Kesil Test and Balance Ltd. Will comply with all warranty requirements per specifications.
Warranty Will be considered null and void if,

1. On return it is found that the system has been modified from when TAB was completed. Modifications include but not limited to both physical changes (such as new distribution components), changes to the control system, tenant lease space developments.
2. Maintenance staff and/or occupants making flow adjustments to the system without consulting Kesil Test and Balance Ltd.
3. Another TAB Firm is brought in to evaluate project without notifying Kesil Test and Balance Ltd. To be present at time of additional testing.
4. Regular proper maintenance of the Mechanical HVAC system is not performed.

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General Remarks

The Following is an overview of the general condition at time of TAB, and any factors that need to be addressed.

1 This Report is a sample to show how we present our data.
2 All the information in this report is fictitious.

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Project: Sample Report
Project #: 1234

Deficiency Report

Date: 1-Jan-2020
Technician: Lucas Holland

Item #:	**System:**	(TAG)	**Status:**	Open	**Priority:**	Low
Issue Description:					Date:	
Comments:						
Repaired By:		Date:		Signature:		

Item #:	**System:**	(TAG)	**Status:**	Open	**Priority:**	Low
Issue Description:					Date:	
Comments:						
Repaired By:		Date:		Signature:		

Item #:	**System:**	(TAG)	**Status:**	Open	**Priority:**	Low
Issue Description:					Date:	
Comments:						
Repaired By:		Date:		Signature:		

Item #:	**System:**	(TAG)	**Status:**	Open	**Priority:**	Low
Issue Description:					Date:	
Comments:						
Repaired By:		Date:		Signature:		

Item #:	**System:**	(TAG)	**Status:**	Open	**Priority:**	Low
Issue Description:					Date:	
Comments:						
Repaired By:		Date:		Signature:		

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Project: Sample Report
Project #: 1234

Deficiency Report

Date: 1-Jan-2020
Technician: Lucas Holland

Item #:	**System:** (TAG)	**Status:** Open	**Priority:** Low

Issue Description: | Date:

Comments:

Repaired By:	Date:	Signature:

Item #:	**System:** (TAG)	**Status:** Open	**Priority:** Low

Issue Description: | Date:

Comments:

Repaired By:	Date:	Signature:

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Project: Sample Report
Project #: 1234

Building Ventilation Summary

Date: 1/1/2020
Technician: Lucas Holland

Unit	Supply Air	Return Air	Outside / Make Up Air	Exhaust Air	Ventilation Delta	Notes
Totals:	**0**	**0**	**0**	**0**	**0**	

Remarks:

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Project: Sample Report
Project #: 1234

AHU-XX

Date: 1-Jan-2020
Technician: Lucas Holland

Unit Data			
Manufacturer		Unit Type	
Model Number		Unit Location	
Serial Number		Unit Serviced	

Air Flow Data	Design	Actual	%
Supply Air			#DIV/0!
Return Air			#DIV/0!
Outside Air			#DIV/0!
R/A Damper Position			
O/A Damper Position			
Outlet			#DIV/0!
Inlet			#DIV/0!

Pressure Data	In	Out	Design	Actual
External				0
Fan				0

Temperature Data	Entering	Leaving	Temperature Δ
Dry Bulb			0
Wet Bulb			0

(Fan Name) Fan Motor Data			
Manufacturer		Phase	
Model Number		Hz	
Frame		SF	
Efficiency		PF	

	Rated	Actual
Volts		
Amps		
HP/BHP		
Motor RPM / Speed		
Fan RPM		

Drive Data	Motor	Fan
Drive Type		
Sheave Model		
Sheave Diam.		
Sheave Bore		

Number of Belts		Belt Size		CL	

(COIL NAME) Hydronic Data				
Valve Type		Valve Size		
Valve Setpoint		Valve Cv		

	Design	Actual	%
Hydronic Flow			#DIV/0!
Hydronic ΔP			
Entering Water Temp			
Leaving Water Temp			
Water Temp ΔP			
Entering Air Temp			
Leaving Air Temp			
Air Temp ΔP			

Remarks:

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Project: Sample Report
Project #: 1234

AHU-XX

Date: 1-Jan-2020
Technician: Lucas Holland

(FILTER NAME)Filter Bank Data			
Manufacturer		Filter Type	
Filter Quantity		Size	
Filter Quantity		Size	
Filter Quantity		Size	

(FILTER NAME)Filter Bank Data			
Manufacturer		Filter Type	
Filter Quantity		Size	
Filter Quantity		Size	
Filter Quantity		Size	

Unit Profile

Remarks:	

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Project: Sample Report
Project #: 1234

VAV-XX

Date: 1/1/2020
Technician: Lucas Holland

Unit Data			
Manufacturer		**Unit Type**	
Model Number		**Unit Location**	
Control Type		**Unit Serviced**	
Inlet Size		**DDC Address**	
K-Factor		**Co-Efficient**	

Air Flow Data			
	Design	Actual	%
Maximum Flow	0	0	#DIV/0!
Minimum Flow		0	#DIV/0!
Heating Flow			#DIV/0!

Heating Information			
	Design	Actual	%
Pressure Differential			
Hydronic Flow			#DIV/0!
Temp. Differential			

Inlet / Outlet Summary

Outlet #	Area Served	Outlet Type	Size	Design	Preliminary	% Design	Final	% Design	Minimum
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
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						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
			Totals:	0	0	#DIV/0!	0	#DIV/0!	0

Remarks:

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Project: Sample Report
Project #: 1234

VAV-XX

Date: 1/1/2020
Technician: Lucas Holland

Unit Data

Manufacturer		**Unit Type**	
Model Number		**Unit Location**	
Control Type		**Unit Serviced**	
Inlet Size		**Min Flow SP**	
K-Factor		**Max Flow SP**	

Air Flow Data

	Design	Actual	%
Maximum Flow	0	0	#DIV/0!
Minimum Flow		0	#DIV/0!
Heating Flow			#DIV/0!

Heating Information

	Design	Actual	
Pressure Differential			
Hydronic Flow			#DIV/0!
Temp. Differential			

Inlet / Outlet Summary

Outlet #	Area Served	Outlet Type	Size	Design	Preliminary	% Design	Final	% Design	Minimum
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
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						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
			Totals:	0	0	#DIV/0!	0	#DIV/0!	0

Remarks:

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Project: Sample Report
Project #: 1234

RTU-XX

Date: 1-Jan-2020
Technician: Lucas Holland

Unit Data

Manufacturer		Unit Type	
Model Number		Unit Location	
Serial Number		Unit Serviced	

Air Flow Data

	Design	Actual	%
Supply Air			#DIV/0!
Return Air			#DIV/0!
Outside Air			#DIV/0!
R/A Damper Position			
O/A Damper Position			
Outlet	0	0	#DIV/0!
Inlet	0	0	#DIV/0!

Pressure Data

	In	Out	Design	Actual
External				0
Fan				0

Temperature Data

	Entering	Leaving	Temperature Δ
Dry Bulb			0
Wet Bulb			0

Supply Fan Motor Data

Manufacturer		Phase	
Model Number		Hz	
Frame		SF	
Efficiency		PF	

	Rated	Actual
Volts		
Amps		
HP/BHP		
Motor RPM / Speed		
Fan RPM		

Drive Data

	Motor	Fan
Drive Type		
Sheave Model		
Sheave Diam.		
Sheave Bore		

Number of Belts		Belt Size		CL	

Condensor Data

Manufacture		
Model Number		
Serial Number		
	Rated	Actual
Low Ambient Control		
Suction Press./Temp		
Cond. Press./Temp		
Crankcase Htr. Amps		
Compr. Volts		
Compr. Amps		
L.P. Cutout Setting		
H.P. Cutout Setting		
No. Condenser Fan		
Cond Fan HP		
Cond Fan CFM		
Cond Fan Volts		
Cond Fan Amps		

Remarks:

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Project: Sample Report
Project #: 1234

RTU-XX

Date: 1-Jan-2020
Technician: Lucas Holland

Filter Bank Data			
Manufacturer		Filter Type	
Filter Quantity		Size	
Filter Quantity		Size	

Evaporator						
Size	Width		Hight		Area	0
		Design		Actual		
Face Velocity		0		0		

Unit Profile

Inlet / Outlet Summary

Outlet #	Area Served	Outlet Type	Size	Design	Preliminary	% Design	Final	% Design	Minimum
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
			Totals:	0	0	#DIV/0!	0	#DIV/0!	0

Remarks:

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Project: Sample Report
Project #: 1234

RTU-XX

Date: 1-Jan-2020
Technician: Lucas Holland

Branch Summary Report

Branch Number	Design	Preliminary	% Design	Final	% Design	Minimum	Notes
			#DIV/0!		#DIV/0!		
			#DIV/0!		#DIV/0!		
			#DIV/0!		#DIV/0!		
			#DIV/0!		#DIV/0!		
			#DIV/0!		#DIV/0!		
			#DIV/0!		#DIV/0!		
			#DIV/0!		#DIV/0!		
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Remarks:

kesil Test and Balance Ltd.
P.O. Box 3295 Spruce Grove, AB. T7X 3A6
Ph: 780-977-6496 Email: hello@kesil.ca Web: kesil.ca

Project: Sample Report
Project #: 1234

RTU-XX

Date: 1-Jan-2020
Technician: Lucas Holland

Inlet / Outlet									
Branch Number									
Outlet #	**Area Served**	**Outlet Type**	**Size**	**Design**	**Preliminary**	**% Design**	**Final**	**% Design**	**Minimum**
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
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						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
			Totals:	0	0	#DIV/0!	0	#DIV/0!	0

Remarks:

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Project: #REF!
Project #: #REF!

RTU-XX

Date: #REF!
Technician: #REF!

Inlet / Outlet									
Branch Number									
Outlet #	Area Served	Outlet Type	Size	Design	Preliminary	% Design	Final	% Design	Minimum
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
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						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
			Totals:	0	0	#DIV/0!	0	#DIV/0!	0

Branch Number									
Outlet #	Area Served	Outlet Type	Size	Design	Preliminary	% Design	Final	% Design	Minimum
						#DIV/0!		#DIV/0!	
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						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
			Totals:	0	0	#DIV/0!	0	#DIV/0!	0

Remarks:

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Project: 1234
Project #: 1/1/2020

EF-XX

Date: Lucas Holland
Technician: 0

Unit Data			
Manufacturer		Unit Type	
Model Number		Unit Location	
Serial Number		Unit Serviced	

(Fan Name) Fan Motor Data			
	Design	Actual	%
Exhaust Air			#DIV/0!
Inlet	0	0	#DIV/0!

Pressure Data				
	In	Out	Design	Actual
External				0

Fan Data			
Manufacturer		Phase	
Model Number		Hz	
Frame		SF	
Efficiency		PF	

	Rated	Actual
Volts		
Amps		
HP/BHP		
Motor RPM / Speed		
Fan RPM		

Inlet Summary

Outlet #	Area Served	Outlet Type	Size	Design	Preliminary	% Design	Final	% Design	Minimum
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
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						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
						#DIV/0!		#DIV/0!	
			Totals:	0	0	#DIV/0!	0	#DIV/0!	0

Remarks:

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Project: Sample Report
Project #: 1234

EF-XX Rect. Traverse

Date: 1-Jan-2020
Technician: Lucas Holland

Traverse Data					
Area Served:			**Location:**		
Instrument:			**Unit / System:**		

Duct		Design		Actual	
Duct Height I.D.	0.00	**CFM**		**CFM**	
Duct Width I.D.	0.00	**Calculated vel. fpm**		**Vel. Fpm**	
Area Sq. Ft.	0.00			**% of Design**	#VALUE!
Duct Height O.D.				**75% rule**	#DIV/0!
Duct Width O.D.				**Temperature**	
Insulation thickness				**Static Pressure**	

Distance from O.D. 0 0 0 0

0 0 0 0

0	**0**							
0	**0**							
0	**0**							
0	**0**							

Remarks:

kesil Test and Balance Ltd.
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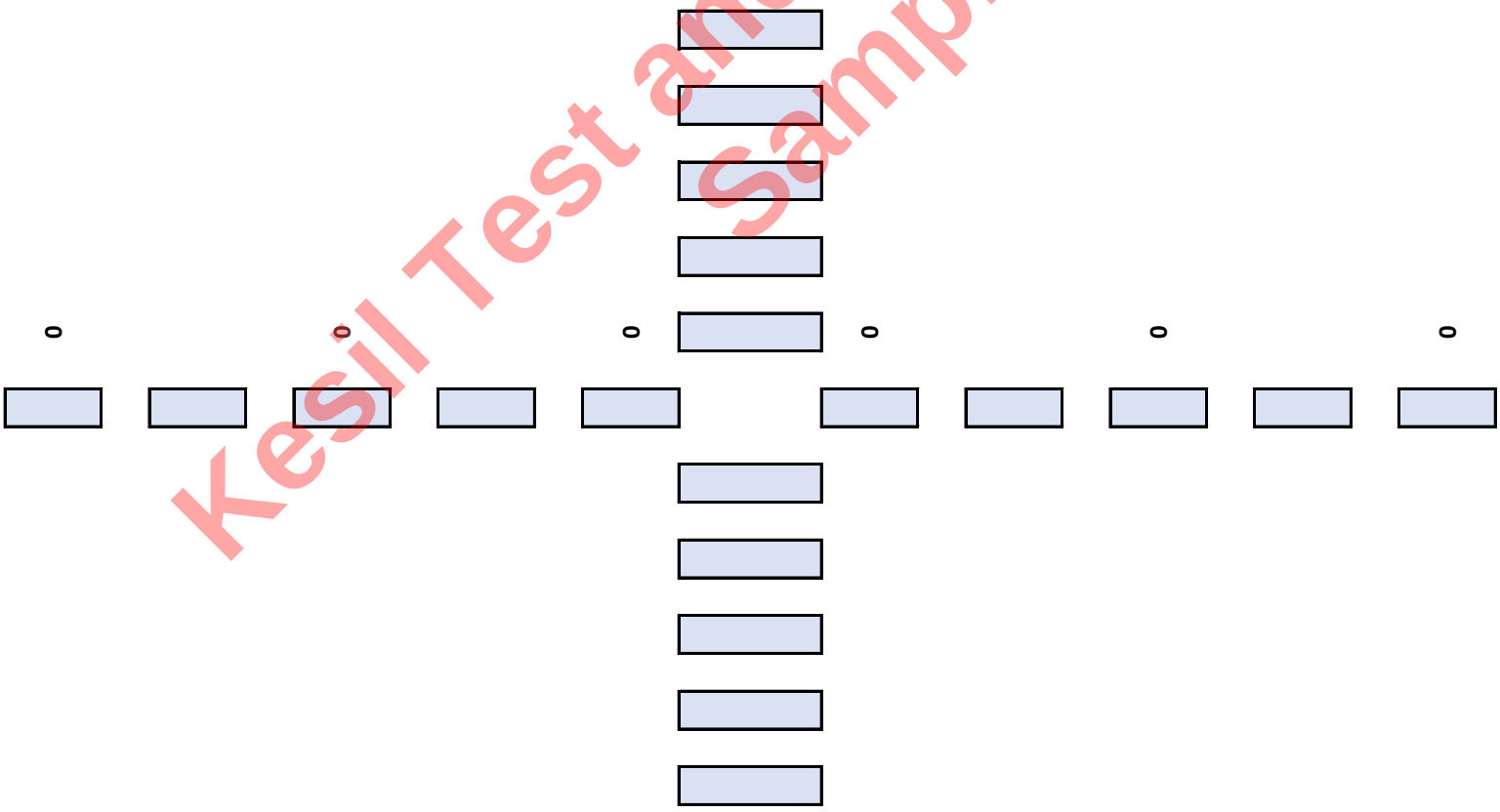
Project: Sample Report
Project #: 1234

EF-XX Round Traverse

Date: 1-Jan-2020
Technician: Lucas Holland

Traverse Data			
Area Served:		**Location:**	
Instrument:		**Unit / System:**	

Duct		Design		Actual	
Duct Diameter I.D.	0.00	**CFM**		**CFM**	
Area Sq. Ft.	0.00	**Calculated vel. fpm**		**Vel. Fpm**	
Duct Diameter O.D.				**% of Design**	#VALUE!
Insulation thickness				**75% rule**	
				Temperature	
				Static Pressure	



Remarks:	

kesil Test and Balance Ltd.
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Project: Sample Report
Project #: 1234

Small Direct Drive Exaust Fan Report

Date: 1/1/2020
Technician: Lucas Holland

Unit Data											
Unit TAG	Area Served	Manufacturer	Model Number	Serial Number	Fan Speed	Volts	Amps	Pressure	Design Flow	Final Flow	% Design
											#DIV/0!
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Remarks:

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Ph: 780-977-6496 Email: hello@kesil.ca Web: kesil.ca

Project: Sample Report
Project #: 1234

Air Changes Per Hour Report

Date: 1/1/2020
Technician: Lucas Holland

Area Served	Reqiuered Press.	Actual Press	Actual Rm. Volume	Required ACH	Actual ACH	Required Flow (+/-)	Actual Flow (+)	Actual Flow (-)	Actual Rm. Press.

Remarks:

kesil Test and Balance Ltd.
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Ph: 780-977-6496 Email: hello@kesil.ca Web: kesil.ca

Project: Sample Report
Project #: 1234

Stairwell Pressurization Test Report

Date: 1/1/2020
Technician: Lucas Holland

Floor Exit - Area Served	NO.	Specified			Final			Notes
		SP	Initial Door Opening	Door In Motion	SP	Final Door Opening	Door In Motion	

Remarks:

kesil Test and Balance Ltd.
P.O. Box 3295 Spruce Grove, AB. T7X 3A6
Ph: 780-977-6496 Email: hello@kesil.ca Web: kesil.ca

Project: Sample Report
Project #: 1234

Fire Damper Drop Test and Inspection

Date: 1/1/2020
Technician: Lucas Holland

F.D. Number	Area	Size	Retaining Angles	Breakaway Joints	Door and Accessibility	F.D. Link Accessibility	Blade Operation

Fire Damper Symbol List

Y - Work was found to be satisfactory
NG - Work incomplete / unsatisfactory
MRA - missing retaining angles
MAD - missing access door
NV - Item not visible to inspect
N - Previosly listed work completed

Remarks:

kesil Test and Balance Ltd.
P.O. Box 3295 Spruce Grove, AB. T7X 3A6
Ph: 780-977-6496 Email: hello@kesil.ca Web: kesil.ca

Project: Sample Report
Project #: 1234

Facilities Manager PM Summary

Date: 1/1/2020
Technician: Lucas Holland

Unit	Number Of Belts	Belt Size	Number Of Filters	Filter Size	Filter Type	Number Of Filters	Filter Size	Filter Type

Remarks:

kesil Test and Balance Ltd.
P.O. Box 3295 Spruce Grove, AB. T7X 3A6
Ph: 780-977-6496 Email: hello@kesil.ca Web: kesil.ca

Project: Sample Report
Project #: 1234

Pump-XX

Date: 1-Jan-2020
Technician: Lucas Holland

Pump Data			
Manufacturer		Service	
Model Number		Impeller Size	
Model Number		Pump Capacity	
Location		System Capacity	

Motor Nameplate Data			
Manufacturer		Phase	
Model Number		Hertz	
Frame		RPM	
HP		Nom. EFF	
Volts		P. F	
Amps		S. F	

Full Flow Test Data			
VFD Speed/Valve Setpoint			
Valve Setpoint			
	Suction	Discharge	ΔP
Valve Open			0
Valve Shut			0

Balanced Flow Test Data	
VFD Speed	
Valve Setpoint	
Suction	
Discharge	
ΔP	0
Calculated BHP	

	Design	Actual
Flow		
Head		
Volts		
Amps		

Remarks:	