Chubb 101-3997 Henning Drive Burnaby, British Columbia V5C 6N5 604-420-4436	**Chubb**

BUILDING NAME:	**The Melville**		
BUILDING ADDRESS:	**1189 Melville Street, Vancouver, BC**		
DATE:	**April 22 2024**		
WO#:	**20527397**	PROP. NUM.:	**60-204-2131-000**
MANUFACTURER:		MODEL NUMBER:	

C1. FIRE ALARM SYSTEM VERIFICATION REPORT

(Reference: Clauses 4.1.6 and 4.2.2)

	YES	NO	N/A
A. System provides single-stage operation.	✓		
B. System provides two-stage operation.		✓	
C. The entire fire alarm system has been verified in accordance with CAN/ULC-S537, Standard for Verification of Fire Alarm Systems.		✓	
D. This is a partial verification for a partial occupancy.	✓		
E. This is a partial verification for a fire alarm system that has been replaced in stages.		✓	
F. This is a verification of a portion of an existing fire alarm system verified in accordance with Section 7, System Modifications	✓		
G. Installed in accordance with the design and CAN/ULC-S524, Standard for Installation of Fire Alarm Systems	✓		
H. The fire alarm system documenation is on site and includes a description of the system	✓		
I. The fire alarm system is fully functional.	✓		
J. The fire alarm system is connected to a fire signal receiving centre. If Connected, indicate the fire signal receiving centre: Telus 1-888-675-3585	✓		

K. Comments: This verification is for the kitchen hood suppression system that was added to the 570 Bute Street CRU.

L. A copy of this report will be given to the following, who is the owner or owner's representative for this building: AM PM Electric	✓		

This is to certify that the information contained in this Fire Alarm System Verification Report is correct and complete.

Andrew.Bellefeuille Printed Name of Primary or Supervising Technician Conducting the Verification	**Chubb** Company	**604-420-4436** Telephone
Andrew Bellefeuille Signature of Primary or Supervising Technician Conducting the Verification	**FP1371** Identification #(s) of Primary or Supervising Technician Conducting the Verification	
N/A Printed name of Technician Conducting the Verification	**N/A** Company	**N/A** Telephone
N/A Signature of Technician Conducting the Verification	**N/A** Identification #(s) of Technician Conducting the Verfication	
N/A Printed name of Designer	**N/A** Company	**N/A** Telephone
N/A Signature of Designer		

This record is to be maintained by the building owner.

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C2 DOCUMENTATION (Reference: Clause 4.2.3)

(Reference: Clause 4.2.3)

YES = Tested Correctly NO= Did Not Test Correctly N/A= Not Applicable

C2.1 Documentation for the fire alarm system is on site and includes the following description of the fire alarm system:

		YES	NO	N/A
A	Instructions for resetting the system and silencing alarm signals	✓		
B	Instructions for silencing the trouble signal and action to be taken when the trouble signal sounds.	✓		
C	Description of the function of each operating control and indicator on the fire alarm unit	✓		
D	Description of the area or fire zone protected by each alarm detection circuit (this may be in the form of a list or plan drawing).	✓		
E	Description of alarm signal operation	✓		
F	Description of ancillary equipment controlled by the fire alarm system.			✓
G	In systems that provide logical control of a smoke control system, documenation is on site and includes a sequence of operation of the smoke control system			✓
H	Building diagrams are on site that clearly indicate the type and location of all smoke-control equipment (fans, dampers, etc.).			✓

C3 FIELD DEVICE AND RELATED CIRCUITS - TEST AND INSPECTION

(Reference: Clause 4.3.1.3, Subsections 4.3.1, 4.3.2, 4.3.3, 4.3.5 and 4.3.6)

		YES	NO	N/A
A	Correct field termination and wiring size	✓		
B	Correct circuit polarities.	✓		
C	An open circuit fault on a conventional device circuit causes a trouble signal.	✓		
D	Removal of any active or supporting field device circuit causes a trouble signal.	✓		
E	One contact device and one non-contact device tested for operation and annunciation at the control unit or transponder when using a field verifying device.			✓
F	Class A circuits serving conventional field devices tested for the capability of providing an alarm signal on each side of an open circuit fault connection at an electrically remote point in the circuit.			✓
G	Ground fault indications occur when tested at the electrically furtherest field device, and do not result in normal to off-normal status change conditions.			✓
H	Field device at the electrically furthest point from the power source (in every circuit) receives rated power in accordance with manufacturer's specifications.			✓
I	Replaceable over-current devices are of correct rating.			✓
J	On systems that employ power buss isolators, confirm that where a power buss circuit serves more than one fire alarm zone, a single fault (open circuit fault, short circuit fault or ground fault) on the power circuit does not prevent the normal operation of input or output field devices in more than one fire alarm zone.			✓
K	Conductor type and wire gauge in accordance with equipment manufacturer's installation wiring at all system termination points.			✓
L	Confirm that where multiple strand optical fibre cable used with a fire alarm system is not dedicated to the fire alarm system, the fire alarm system shall continue to funcation as required despite any impairment to other systems, which share the cable.			✓
M	Where power isolation modules are installed in a power distribution riser serving field devices, wiring shall be shorted on the isolated side, annunciation of the fault confirmed, and then a device on the source side shall be operated, and activation confirmed at the control unit or transponder.			✓
N	Where a signal circuit serves more than one residential suite, a wire to wire short circuit fault shall be imposed within each suite in normal (supervisory-non-alarm) and alarm conditions. In all cases the wire-to-wire short circuit fault shall not interfere with the ability of devices in other dwelling units, public corridors, or suites to sound an alarm.			✓

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C4 DATA COMMUNICATION LINK TEST

(Reference: Clause 4.2.6, Subsection 4.3.4)

Control Unit or Transponder Location: N/A

Control Unit or Transponder Identification: N/A

Data communication link identification: N/A

		YES	NO	N/A
A.	Each system abnormal condition specified in Table 1, Abnormal System Conditions, tested for each data communication link at the control unit or transponder.			✓
B.	Tests for alarm and trouble received under a single ground fault condition conducted on each conductor of that data communication link independently.			✓
C.	Each conductor in a data communication link, Class A (DCLA) tested for the capability of providing an alarm signal on each side of a single open circuit fault condition.			✓
D.	Where a data communication link serves devices on more than one floor area, impose a wire-to-wire short circuit fault within each floor area and confirm receipt of trouble and alarm condition from another floor area.			✓
E.	Where fault isolation modules are installed in data communication links serving field devices, wiring shorted on the isolated side, annunciation of the fault confirmed, and then a device on the source side operated, and activation confirmed at the control unit or transponder.			✓
F.	Where fault isolation in data communication links is provided between control units or transponders, the field wiring shorted between each pair of control units or transponders, in turn, annunciation of the fault confirmed and operation outside the shorted section confirmed.			✓

C5 CONTROL UNIT OR TRANSPONDER RECORD

(Reference: Clause 5.1.1)

C5.1 Control Unit or Transponder Test

(Reference: Clauses 4.2.4, 5.2.2.1)

Control Unit or Transponder Location: N/A

Control Unit or Transponder Identification: N/A

		YES	NO	N/A
A	Power "on" visual indicator operates	✓		
B	Common visual trouble signal operates	✓		
C	Common audible trouble signal operates	✓		
D	Trouble signal silence switch operates	✓		
E	Main power supply failure trouble signal operates			✓
F	Ground fault tested on positive and negative initiates troubles signal	✓		
G	Alert signal operates			✓
H	Alarm signal operates	✓		
I	Automatic transfer from alert signal to alarm signal operates			✓
J	Manual transfer from alert signal to alarm signal operates			✓
K	Automatic transfer from alert signal to alarm signal cancel (acknowledge) feature operates on a two-stage system			✓
L	Alarm signal silence inhibit function operates	✓		
M	Alarm signal manual silence operates	✓		
N	Alarm signal silence visual indication operates	✓		
O	Alarm signals, when silenced, automatically reinitiates upon subsequent alarm	✓		
P	Alarm signal silence automatic cut-out timer			

Time: N/A

....Continued C5.1

		YES	NO	N/A
Q	Audible and visual alert signals and alarm signals programmed and operate per design and specification;	✓		
R	Input circuit, alarm and supervisory operation, including audible and visual indicator operates	✓		
S	Input circuit supervision fault causes a trouble indication	✓		
T	Output circuit alarm indicators operate	✓		
U	Output circuit supervision fault causes a trouble indication	✓		
V	Visual indicator test (Lamp Test)	✓		
W.	Coded signal sequences operate not less than the required number of times and the correct alarm signal operates thereafter.			✓
X.	Coded signal sequences are not interrupted by subsequent alarms.			✓
Y.	Ancillary device by-pass will result in a trouble signal.	✓		
Z.	Input circuit to output circuit operation, including ancillary device circuits, for correct program operation, as per design and specification			✓
AA.	Fire alarm system reset operates.	✓		
BB.	Main power supply to emergency power supply transfer operates.			✓
CC.	Smoke detector alarm verification (status change confirmation) verified. [Refer Subsection 6.7.4.3, Smoke Detector Alarm Verification (Status Change Confirmation)].			✓

C5.2 VOICE COMMUNICATION TEST

(Reference: Clauses 4.2.4 and 5.2.3.1)

Indicate with an 'N/A' if there is no voice communication system included with this report: **N/A**

		YES	NO	N/A
A.	Power 'ON' indicator operates.			✓
B.	Common visual trouble signal operates.			✓
C.	Common audible trouble signal operates.			✓
D.	Trouble signal silence switch operates.			✓
E.	All-Call voice paging, including visual indicator, operates.			✓
F.	Output circuits for selective voice paging, including visual indicator, operates.			✓
G.	Output circuits for selective voice paging trouble operation, including visual indicator, operates.			✓
H.	Microphone, including push to talk switch, operates.			✓
I.	Operation of voice paging does not interfere with initial inhibit time of alert signal or alarm signal.			✓
J.	All-Call voice paging operates (on emergency power supply).			✓
K.	Where systems use back-up amplifiers, the automatic transfer feature operates.			✓
L.	Circuits for emergency telephone call-in operation, including audible and visual indication, operates.			✓
M.	Circuits for emergency telephones for operation, including two-way voice communication, operates.			✓
N.	Circuits for emergency telephone trouble operation, including visual indication, operates.			✓
O.	Emergency telephone verbal communication operates.			✓
P.	Emergency telephone operable or in-use tone at handset operates.			✓
Q.	While in standby mode, voice communication busses used for paging, alert signal, alarm signal, and emergency telephone communication circuits, an open circuit fault, or short circuit fault, or operation of an overcurrent protective device provided for the purpose, shall result in a specific trouble indication specific to the faulty buss.			✓

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C5.3 REQUIRED SYSTEM RESPONSE TIMES

(Reference: Clause 5.2.4.1) Note: Refer to Table 2 for required system response times.

		YES	NO	N/A
A	Audible signal devices and visible signal devices operated within 10 s, and	✓		
	Subsequent input operated within 10 s	✓		
B	Remote connection operated within 10 s			✓
C	Releasing device start of sequence operated within 10 s			✓
D	Required annunciation operated within 10 s, and	✓		
	Subsequent input operated within 10 s	✓		
E	Required central alarm and control facility operated within 10 s, and	✓		
	Subsequent input operated within 10 s	✓		
F	Ancillary Circuits operated within 10 s, and	✓		
	Subsequent input operated within 10 s	✓		

C5.4 CONTROL UNIT OR TRANSPONDER INSPECTION

(Reference: Clauses 4.2.4 AND 5.2.5.1)

Control Unit or Transponder Location: N/A

Control Unit or Transponder Identification: N/A

		YES	NO	N/A
A.	Input circuit designations correctly identified in relation to connected field devices.			✓
B.	Output circuit designations correctly identified in relation to connected field devices.			✓
C.	Correct designations for common control functions and indicators.			✓
D.	Plug-in components and modules securely in place.			✓
E.	Plug-in cables securely in place.			✓
F.	Record the date, revision, and version of firmware and software program. Firmware: Date: April 22 2024 Rev.: N/A Ver.: 5.47 Software: Date: Aprill 22 2024 Rev.: 05 Ver.: 01.00.09			
G.	Control unit and transponder is clean and free of dust and dirt.	✓		
H.	Fuses in accordance with manufacturer's specification.			✓
I.	Control unit or transponder lock functional.		✓	
J.	Termination points from wiring to field devices secure.			✓
K.	Control unit or transponder power disconnects in accordance with CSA C22.1, Safety Standard for Electrical Installations, Canadian Electrical Code, Part I.			✓
L.	Field wiring entry points for the various circuits and circuit separations shall be in accordance with the manufacturer's installation instructions.			✓
M.	Main power supply feed wiring in accordance with manufacturer's specifications.			✓
N.	Verify control units or transponders with stand alone capability serves the same area for both input circuits and output circuits.			✓
O.	Control units or transponders which operate with stand alone capability have signal silence, reset, and trouble silence switches with visual indicators, degraded mode capability and stand alone capability indicators.			✓
P.	Each control unit or transponder furnished with operating and maintenance instructions, and installation instructions.			✓
Q.	Control unit or transponder visual indicators comply with Table 3, Visual Indicators-Colour Code.			✓

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C5.5 LARGE SCALE NETWORK SYSTEMS

(Reference: Clauses 4.2.4 and 5.3.2)

		YES	NO	N/A
A	Verify control units or transponders serve the same area for both input circuits and output circuits;			✓
B	Verify control units or transponders with stand alone capability have signal silence, reset, and trouble silence switches with visual indicators, degraded mode capability and stand alone capability			✓
C	Confirm that between any nodes a single open circuit fault, wire-to-wire short circuit fault, or ground fault on the network results in a trouble signal at each node and continued alarm receipt capability at each node under these conditions.			✓
D	To test stand alone capability, create a condition of data communication link failure, and confirm each control unit or transponder is capable of receiving an alarm initiation and provides output operation in the area as served by the control unit or transponder.			✓
				✓
				✓
E	To test degraded mode capability, create a condition of data communication link failure in two separate locations creating two network segments, and confirm each segment of the network have the following operation:			
	(i) Operate the alarm signals in accordance with the system operating sequence			✓
	(ii) Maintain synchronization of control units or transponders for alert signals and alarm signals			✓
	(iii) Operate local relays in control units or transponders connected to ancillary devices as required			✓
	(iv) Confirm the operation of acknowledge, signal silence, reset and trouble silence switches with visual indicators, degraded mode capability and stand alone capability indicators, are functional for each network segment.			✓

C5.6 POWER SUPPLY INSPECTION

(Reference: Clauses 4.2.4, 5.4.1 and 5.4.2)

Control Unit or Transponder Location N/A

Control Unit or Transponder Identification N/A

Power Supply Disconnect Location & Identification N/A

		YES	NO	N/A
A.	Conforms with the requirements of CAN/ULC-S524, Standard for Installation of Fire Alarm Systems; and CSA C22.1, Safety Standard for Electrical Installations, Canadian Electrical Code, Part I, Section 32.			✓
B.	Fused in accordance with the manufacturer's marked rating of the system.			✓
C.	The primary supply is equipped with the identified disconnect means.			✓
D.	Adequate to meet the requirements of the system.			✓
E.	Power for ancillary devices is taken from a source separate from the fire alarm system control unit or transponder power supply.			✓
F.	Power for ancillary devices is taken from the control unit or transponder that is designed to provide such power.			✓
G.	Ancillary devices, which are powered from control unit or transponder, are recorded.			✓

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C5.7 EMERGENCY POWER SUPPLY TEST AND INSPECTION

(Reference: Clauses 4.2.4, 5.4.4, 5.4.5, D3.1-A, D3.1-B and D3.1-C)

Control Unit or Transponder Location: N/A

Control Unit or Transponder Identification: N/A

Currently Installed Battery Size: N/A Ah

		YES	NO	N/A
A.	Correct Battery type as recommended by manufacturer.			✓
B.	Correct battery rating as determined by battery calculations based on full system load.			✓
C.	Battery Voltage with Main Power Supply on.			**N/A** V dc
D.	Battery voltage and current with main power supply 'OFF' and fire alarm system in supervisory condition.			**N/A** Vdc **N/A** Amps
E.	Battery voltage and current with main power supply 'OFF' and fire alarm system in full load alarm condition.			**N/A** Vdc **N/A** Amps
F.	Charging current on a fully charged battery.			**N/A** Amps
G.	Inspected for physical damage.			✓
H.	Terminals cleaned and lubricated.			✓
I.	Terminals clamped tightly.			✓
J.	Correct electrolyte level.			✓
K.	Specific gravity of electrolyte is within manufacturer's specifications.			✓
L.	Electrolyte leakage.			✓
M.	Adequately ventilated			✓
N.	Record manufacturer's date code or in-service date.			Date: N/A
O.	Disconnection causes a trouble indication			✓
P.	Indicate type of battery test performed. (choose one)			
	(i) Required supervisory load for 24 hours followed by the required full load operation; or (ii) A silent test by using the load resistor method may be used for the full duration test (Refer to appendix D1, Silent Test); or			
	(iii) Silent accelerated test. (Refer to Appendix D2, Silent Accelerated Test)			
Q.	Record calculated battery capacity. (Refer to Appendix D3.1-C)			N/A Ah
R.	Record battery terminal voltage after completion of tests.			**N/A** V dc
S.	Battery voltage not less than 85% of its rating after the tests.			✓
T.	Generator provides power to the AC circuit serving the fire alarm system.			✓
U.	Trouble condition at the emergency generator shall result in an audible common trouble signal and a visual indication at the required annunciator.			✓

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C5.8 ANNUNCIATOR, REMOTE TROUBLE SIGNAL UNIT AND DISPLAY AND CONTROL CENTRE TEST AND INSPECTION

(Reference: Clauses 4.2.5 and 5.5.1)

Annunciator or remote trouble signal unit location: 1189 Melville St. lobby

Annunciator or remote trouble signal unit identification: Node 01(FACP) & 02(Graphic)

		YES	NO	N/A
A.	Power 'ON' indicator operates.	✓		
B.	Individual alarm and supervisory input zone clearly indicated and separately designated.	✓		
C.	Individual alarm and supervisory input zone designation labels are properly identified.	✓		
D.	Where active and supporting field devices are utilized, device labels shall be confirmed to correspond with actual field location.	✓		
E.	Common trouble signal operates.	✓		
F.	Visual indicator test (lamp test) operates.	✓		
G.	Input wiring from control unit or transponder is supervised and of the correct type and gauge in accordance with the equipment manufacturer's installation wiring requirements.	✓		
H.	Alarm signal silence visual indicator operates.	✓		
I.	Switches for ancillary functions operate as per design and specification.	✓		
J.	Ancillary functions visual indicators operate.	✓		
K.	Manual activation of alarm signal and indication operates.			✓
L.	Displays are visible in installed location.	✓		
M.	Operates on emergency power.			✓
N.	Visual indicators comply with Table 3, Visual Indicators-Colour Code	✓		
O.	Multi-line sequential display operates as per Appendix C5.9 (Annunciators or Sequential Displays), where utilized.	✓		

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C5.9 ANNUNCIATORS OR SEQUENTIAL DISPLAYS

(Reference: Clauses 4.2.5, 5.5.2 and Appendix C5.8-O)

Annunciator or remote trouble signal unit location: N/A

Annunciator or remote trouble signal unit identification: N/A

		YES	NO	N/A
A.	Power on indicator operates			✓
B.	Individual alarm and supervisory zone indication operates.			✓ (see exception)
	Exception: Operation of each individual alarm & supervisory zone indication gives the identical indication, or lights the identical indicators at the other annunciator(s), and sequential display(s). Specify method of confirmation: N/A			✓
	Minimum of one alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation.			✓
C.	Individual alarm and supervisory input zone designation labels are properly identified.			✓
D.	Where active and supporting field devices are utilized, device labels shall be confirmed to correspond with actual field location.			✓
E.	Common trouble signal operates.			✓
F.	Visual indicator test (lamp test) operates.			✓
G.	Input wiring from control unit or transponder is supervised.			✓
H.	Alarm signal silence visual indicator operates.			✓
I.	Switches for ancillary functions operate as per design and specification			✓
J.	Ancillary functions visual indicators operate.			✓
K.	Manual activation of alarm signal and indication operates.			✓
L.	Displays are visible in installed location.			✓

C5.10 REMOTE TROUBLE SIGNAL UNIT TEST AND INSPECTION

(Reference: Clauses 4.2.5 and 5.5.3)

Remote Trouble Unit Location: N/A

Remote Trouble signal unit identification: N/A

		YES	NO	N/A
A.	Input wiring from the control unit or transponder is supervised.			✓
B.	Visual trouble signal operates.			✓
C.	Audible trouble signal operates.			✓
D.	Audible trouble signal silence operates.			✓

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C5.11 PRINTER TEST

(Reference: Clauses 4.2.5 and 5.6.1)

Printer Location: N/A

Printer Identification: N/A

		YES	NO	N/A
A.	Operates as per design and specification			✓
B.	Zone of each alarm initiating device is correctly printed.			✓
C.	Rated voltage is present.			✓

C5.12 ANCILLARY DEVICE CIRCUIT TEST

(Reference: Clauses5.2.2.1-AA and 5.4.2-F)

Record Specific Type of Ancillary Circuit Note: The tests reported on this form do not include the actual operational test of ancillary devices.	Operation of Ancillary Circuit Confirmed		
	YES	NO	N/A
			✓
			✓
			✓
			✓
			✓
			✓
			✓

C5.13 INTERCONNECTION TO THE FIRE SIGNAL RECEIVING CENTRE

(Reference: Clause 5.2.2.1)

		YES	NO	N/A
A.	The fire signal receiving centre transmitter is integral to the fire alarm control unit.			✓
B.	An interconnection between the fire alarm control unit and a separate fire signal receiving centre transmitter is provided.			✓
C.	Where an interconnection between the fire alarm control unit and a separate fire signal receiving centre transmitter is provided, a demarcation terminal box with a minimum of 12 terminals is installed.			✓
D.	The demarcation terminal box is located in the same room as the fire alarm control unit it is connected to.			✓
E.	The demarcation terminal box is labeled "Fire Alarm Demarcation" and/or "Limitation D'Alarme Incendie".			✓
F.	The conductors installed between the fire alarm control panel and the demarcation terminal box comply with Section 3.4 of CAN/ULC-S524, Standard for Installation of Fire Alarm Systems.			✓
G.	Tested and confirmed operation of alarm relay.			✓
H.	Tested and confirmed operation of trouble relay.			✓
I.	Tested and confirmed operation of supervisory relay.			✓
J.	Confirm receipt of the alarm transmission to the fire signal receiving centre is received.			✓
K.	Confirm receipt of the supervisory transmission to the fire signal receiving centre is received.			✓
L.	Confirm receipt of the trouble transmission to the fire signal receiving centre is received.			✓
M.	Operation of the fire signal receiving centre transmitter bypass means results in a specific trouble indication at the control unit or transponder.			✓
N.	Operation of the fire signal receiving centre transmitter bypass means transmits a trouble signal to the fire signal receiving centre.			✓

N. Record the name and telephone number of the fire signal receiving centre.

Name: **Telus**
Telephone: **1-888-675-3585**

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DEFICIENCIES

N/A

RECOMMENDATIONS

N/A

REMARKS

N/A

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C6 FIELD DEVICE RECORD

(Reference: Clause 4.2.7 and Section 6)

C6.1 FIELD DEVICE TESTING - LEGEND & NOTES

(Reference: Clauses 6.4.1.3, 6.4.1.4, 6.4.1.5, 6.4.5.1-B, 6.8.1.1-B, 6.8.2.2-B, 6.8.2.4, Appendix C6.2, C6.3 and C6.4)

DEVICE	DESCRIPTION	MANUFACTURER	MODEL NO.
M	Manual Station		
M2	Manual Station		
M3	Manual Station		
RHT	Rate of Rise Heat Detector		
RHT2	Rate of Rise Heat Detector		
RHT3	Rate of Rise Heat Detector		
HT	Fixed Temperature Heat Detector		
HT2	Fixed Temperature Heat Detector		
HT3	Fixed Temperature Heat Detector		
S	Smoke Detector		
	Sensitivity Test Method:		
	Sensitivity Range:		
S2	Smoke Detector		
	Sensitivity Test Method:		
	Sensitivity Range:		
S3	Smoke Detector		
	Sensitivity Test Method:		
	Sensitivity Range:		
RI	Remote Indicator		
DS	Duct Smoke Detector		
SFD	Supporting Field Device - Monitor		
SFD2	Supporting Field Device - Monitor		
FD	Sprinkler Flow Switch		
SS	Sprinkler Supervisory Device		
PS	Sprinkler Pressure Device		
IM	Isolation Module		
B	Bell		
B2	Bell		
H/V	Horn/Visual		
H/V2	Horn/Visual		
H	Horn		
H2	Horn		
V	Visual Signal Device		
V2	Visual Signal Device		
SP	Cone Type Speaker		
SP2	Cone Type Speaker		
HSP	Horn Type Speaker		
AD	Ancillary Device		
AD2	Ancillary Device		
ET	Emergency Telephone		
EOL	End of Line Resistor/Capacitor		
EOL2	End of Line Resistor/Capacitor		
HSS	Hood Suppression Sytem	Ansul	SIGA-CT1

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The following notes apply to Appendix C6.2, Individual Device Record:

NOTE 1: Smoke detector sensitivity confirmation or measurement should be recorded in the remarks column.
NOTE 2: Smoke detector cleaning or replacement date should also be recorded in the remarks column.
NOTE 3: Status Change, including time delay, should be recorded in the remarks column.
NOTE 4: Duct smoke detector pressure differential should be confirmed and recorded in the remarks column.
NOTE 5: Time delay setting of water flow switch should be recorded in the remarks column.
NOTE 6: Sprinkler supervisory switches cause trouble condition to be annunciated but not an alarm condition.
NOTE 7: Upper and lower pressure setting of supervisory devices should be recorded in the remarks column.
NOTE 8: Low temperature setting should be recorded in the remarks column.
NOTE 9: Identify the specific ancillary devices in the remarks column.
NOTE 10: Identify date field device changed in the remarks column.
NOTE 11: Identify correct field device operation (e.g., alarm, trouble, supervisory, annunciation indication).
NOTE 12: Identify zone, circuit number, or address.
NOTE 13: Identify conventional field device locations.
NOTE 14: Identify active field device and supporting field device, data communication link (DCL), address and location.
NOTE 15: Test and confirm conventional field device supervision of wiring.
NOTE 16: Confirm field device free of damage.
NOTE 17: Confirm field device free of foreign substance.
NOTE 18: Confirm field device mechanically supported independently of the wiring.
NOTE 19: Confirm field device protective dust shields or covers removed.
NOTE 20: Test and confirm that visible signal devices used to advise occupants that a fire emergency exists shall be turned off automatically when audible signals are silenced and shall be turned on automatically when audible signals are reactivated.
Exception: Visible signal devices to advise occupants to not enter an area, or for a similar purpose, shall remain on until the fire alarm system is reset
NOTE 21: End of line voltage should be recorded in the remarks column.

CAUTION: The tests reported on this Form do not include the actual operational test of ancillary devices

Smoke Detector Sensitivity Ranges

Conventional Devices

Model	Type	Sensitivity Range	Tool	Tool Units	Low	High
EC10U-3	Ionization	0.65-1.08%	C-PST	mV	180mV	500mV
EC30U-3	Optical	1.38-3.08%	C-PST	mV	600mV	1500mV
EC30DU-3	Optical	1.38-3.08%	N/A		600mV	1500mV
C2M-PD1	Photoelectric	2.10-3.60%	Magnet	Flashes	7	4
C2M-PDC1	Photoelectric	2.10-3.60%	Magnet	Flashes	7	4
EDW1151A	Ionization	0.8% Nominal	MOD400R	V dc	Measure & compare to label	
EWD2151A	Photoelectric	1.0 - 3.18%	MOD400R	V dc	Measure & compare to label	
EDW1400A	Ionization	1.3 - 2.5%	MOD400R	V dc	Measure & compare to label	
EDW1451A	Ionization	1.5% Nominal	MOD400R	V dc	Measure & compare to label	
EDW2400A	Photoelectric	2.3 - 3.7%	MOD400R	V dc	Measure & compare to label	
EDW2451A	Photoelectric	1.4% Nominal	MOD400R	V dc	Measure & compare to label	
SD-2W	Photoelectric	0.67 - 2.46% (not adjustable)	N/A		Self Monitoring for Sensitivity	
ESD-4Wxx	Photoelectric	0.67 - 2.46% (not adjustable)	N/A		Self Monitoring for Sensitivity	
ESD-xx	Photoelectric	0.67 - 2.46% (not adjustable)	N/A		Self Monitoring for Sensitivity	
C2W-BA	Photoelectric	2.5% Nominal	CSENS-RDRA	Status	Status Indication / %ft	
C2WT-BA	Photoelectric	2.5% Nominal	CSENS-RDRA	Status	Status Indication / %ft	
C2WTR-BA	Photoelectric	2.5% Nominal	CSENS-RDRA	Status	Status Indication / %ft	

Intelligent Devices

Model	Type	Range	Tool		
SIGA-IS	Ionization	0.7 - 1.6% (5 Levels)	Control Panel	% / ft	
SIGA-IPHS	Multisensor	1.0 - 3.5% (5 Levels)	Control Panel	% / ft	
SIGA-PS	Photoelectric	1.0 - 3.5% (5 Levels)	Control Panel	% / ft	
SIGA-PHS	Multisensor	1.0 - 3.5% (5 Levels)	Control Panel	% / ft	
SIGA-SD	Photoelectric	0.67 - 2.46% (not adjustable)*	Control Panel	% / ft	*Acceptable reading will show as 3.5% on FACU
SIGA-PD	Photoelectric	1.0 - 3.5% (5 Levels)	Control Panel	% / ft	
EDW7251A	Photoelectric	0.02 - 2.0 % (9 Levels)	Control Panel	% / ft	

	LEVEL SETTING (Least to Most)				
DEVICE TYPE	1	2	3	4	5
SIGA-IPHS, PS, PHS, PD	3.5	3	2.5	2	1
SIGA-IS	1.6	1.4	1.2	1	0.7

Chubb
101-3997 Henning Drive
Burnaby, British Columbia
V5C 6N5
604-420-4436

Chubb

BUILDING NAME:	The Melville
BUILDING ADRESS:	1189 Melville Street, Vancouver, BC
DATE:	April 22 2024

C6.2 INDIVIDUAL DEVICE RECORD

(Reference: Clauses 6.12.1, 6.12.2 and Appendix C6.1)

Location	Device (See Legend)	Zone Circuit Number or Address	Correctly Installed (Per Section 8)	Requires Service, Repairs, Cleaning or is	Alarm Operation Confirmed	Output Circuit Operation Confirmed	Annunciation Indication Confirmed	Reading / Measurement (Sensitivity, Pressure, Time Delay, etc)	Supervision of Device Wiring Confirmed	Remarks / Required Additional Notes
Initiating Devices										
570 BUTE ST. KITCHEN SUPPRESSION SYS ALM	SIGA-CT1	01 03 0481								
570 BUTE St. Ansul box	HSS	01 03 0481	✓		✓		✓		✓	
570 BUTE St. Ansul box	EOL	01 03 0481	✓				✓		✓	