

ULC 536:2019 (2024)
20 ANNUAL FIRE ALARM SYSTEM TEST AND INSPECTION RECORD

20.1 Fire Alarm System Annual Test and Inspection Report

Insert Logo Here Service Company Information (Address, Telephone, & Contact Information)	Inspection Date: Report Revision Date: Work Order Number:		
	Single Stage ☐ Two Stage ☐ Other: _____		
	Addressable ☐ Conventional ☐ Number of Conventional Circuits Initiating: _____ Notification: _____ Voice Paging: _____		
	Wireless ☐ Hybrid ☐		
	Manufacturer: _____ Model Number: _____ ULC Serial Number: _____		
	Building Name: _____ Site Contact Person: _____ Phone: _____ Fax: _____		
Address: _____ Owner/Property Manager/Strata Number: _____ Phone: _____ Fax: _____			
City: _____ Postal Code: _____			

A	The fire alarm system is connected to a fire signal receiving centre. Name (if applicable): _____	Yes ☐	No ☐
B	The <i>entire fire alarm system</i> has been inspected and tested in accordance with ULC 536:2019, <i>Standard for Inspection and Testing of Fire Alarm Systems</i> .	Yes ☐	No ☐
C	The fire alarm system is fully functional.	Yes ☐	No ☐
D	During the annual inspection and test were any deficiencies identified? See Page 2, if applicable. As of the following date (M/D/Y) all identified deficiencies have been corrected: _____	Yes ☐	No ☐
E	During the annual inspection and test were any recommendations identified? See Page 3, if applicable.	Yes ☐	No ☐

Affirmation & Signatures			
The information in this report, which comprises _____ pages, affirms that the equipment listed here-in was tested and inspected in conformance with ULC 536:2019 (2024) <i>Standard for Inspection and Testing of Fire Alarm Systems</i> , applicable codes, bylaws, Standards, and the manufacturer's requirements by a qualified technician. The equipment was left in an operational condition except as noted above.			
			Company Name
Supervising / Primary Technician Name	Identification Number / Seal	Date	Signature
			Company Name
Technician Conducting Test and Inspection	Identification Number / Seal	Date	Signature

ULC 536:2019 (2024) – FIRE ALARM SYSTEM INSPECTION AND TEST RECORD

Building Name:		Date:	
Address:		City:	

20.2 DEFICIENCIES

The inspection and Testing of any corrections/repairs of deficiencies noted on this form has been completed by qualified personnel identified in the column marked "Technician Name & Certificate No."

To be completed by the primary individual who conducted the test and inspection.					To be completed by the primary individual responsible for the repair.			
Item #	Device Type	Device Location	Deficiency	ULC 536 Clause Reference	Date Corrected (MM/DD/YY)	Work Order or Reference #	Name of Service Provider Responsible for the Repair	Technician Name & Identification Number
Item #	Control Function or Feature		Deficiency	ULC 536 Clause Reference	Date Corrected (MM/DD/YY)	Work Order or Reference #	Name of Service Provider Responsible for the Repair	Technician Name & Identification Number

BUILDING OWNER'S / REPRESENTATIVE'S COMPLIANCE STATEMENT

I understand that all deficiencies noted in the table above have been corrected.

Printed Name:

Signature:

Date:

MM	DD	YY

[illegible][illegible]

[illegible]

Building Name:		Date:	
Address:		City:	

21 Documentation

“Yes” - Tested correctly “No” - Did not test correctly (For NO answers refer to Section 20.2 Deficiencies)
 “NA” = Not applicable (the feature is not available or has not been programmed)

(Note: Reference Section 7 Documentation)

21.1 Documentation for the fire alarm system is available or accessible 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 control 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, documentation is on site and includes a sequence of operation of the smoke control system. Smoke control is installed in accordance with Measure: as specified in NRCC No. 13366	☐	☐	☐
H	Building diagrams are on site that clearly indicate the type and location of all smoke control equipment (fans, dampers, etc.).	☐	☐	☐
I	Description of fire alarm system:			
	i) Sequence of Operation (See Annex D.)	☐	☐	
	ii) Operating instructions (See Annex D.)	☐	☐	
	iii) Description of each type of field device.	☐	☐	
	iv. Details of input to programmed output functions for programmed systems.	☐	☐	
	v) Connection to fire signal receiving centre, if required by applicable codes and regulations.	☐	☐	
	vi) Previous verification report(s) and all documentation related to any modification showing approval of such modifications by the AHJ, if applicable	☐	☐	☐
	vii) The plans of the building showing the fire alarm zoning, device address and location of each control unit, transponder, remote power supply, field device of the fire alarm system including fault isolators, ancillary devices and annunciators, or display and control centres.	☐	☐	☐
	viii) Copy of site-specific software (if applicable)	☐	☐	☐
J	Indicate location(s) and media type(s) of documentation on site:			
ANNEX TABLE OF CONTENTS				

Building Name:		Date:	
Address:		City:	

22 Control Unit or Transponder Test Record

"Yes" - Tested correctly "No" - Did not test correctly (For NO answers refer to Section 20.2 Deficiencies)
 "NA" = Not applicable (the feature is not available or has not been programmed)

22.1 Control Unit or Transponder Inspection

(Reference Clause 8.2) Complete section for each control unit or transponder.

Control Unit/Transponder Field Location:				
Control Unit/Transponder Identification:				
		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: Date: _____ Revision: _____ Version: _____			
	Record the date, revision and version of the program software: Date: _____ Revision: _____ Version: _____			
G	Control unit/transponder is clean and free of dust and dirt.	☐	☐	☐
H	Fuses in accordance with the manufacturer's specification.	☐	☐	☐
I	Control unit/transponder lock is functional.	☐	☐	☐
J	Termination points for wiring to field devices secure.	☐	☐	☐

Building Name:		Date:	
Address:		City:	

22.2 Control Unit or Transponder Record

(See 8.3)

Complete section for each control unit or transponder

Control Unit/Transponder Field Location:				
Control Unit/Transponder Identification:				
		Yes	No	N/A
A	Power 'on' visual indicator operates.	☐	☐	☐
B	Time and date indication corresponds with local time and date.	☐	☐	☐
C	Common visual trouble signal operates.	☐	☐	☐
D	Common audible trouble signal operates.	☐	☐	☐
E	Trouble signal silence switch operates.	☐	☐	☐
F	Main Power supply failure trouble signal operates.	☐	☐	☐
G	Ground fault tested on positive and negative initiates trouble signal.	☐	☐	☐
H	Alert signal operates.	☐	☐	☐
I	Alarm signal operates.	☐	☐	☐
J	Automatic transfer from alert signal to alarm signal operates. Time:	☐	☐	☐
K	Manual transfer from alert signal to alarm signal.	☐	☐	☐
L	Automatic transfer from alert to alarm signal cancel (acknowledge) operates on a two-stage system.	☐	☐	☐
M	Alarm signal silence inhibit function operates.	☐	☐	☐
N	Alarm signal manual silence operates.	☐	☐	☐
O	Alarm signal silence visual indication operates	☐	☐	☐
P	Alarm signal when silenced, automatically reinitiate only upon subsequent alarm from another NBC required fire alarm zone.	☐	☐	☐
Q	Duration of alarm signal prior to automatic silence. Time:	☐	☐	☐
R	Audible, visual, alert, and alarm signals programmed and operate per design and specification; or documentation as provided in Section 21.	☐	☐	☐
S	Input circuit alarm and supervisory operation including audible and visual indicator operates.	☐	☐	☐
T	Input circuit supervision fault causes a trouble indication.	☐	☐	☐
U	Output circuit alarm indicators operate.	☐	☐	☐
V	Output circuit supervision fault causes a trouble indication.	☐	☐	☐
W	Visual indicator test (lamp test) operates.	☐	☐	☐
X	Coded signal sequence operates not less than the required number of times and the correct alarm signal thereafter.	☐	☐	☐
Y	Coded signal sequences are not interrupted by subsequent alarms.	☐	☐	☐
Z	Ancillary device control circuit is rated for the intended purpose.	☐	☐	☐
AA	Ancillary device bypass results in trouble signal.	☐	☐	☐
BB	Input circuit to output circuit operation including ancillary device for correct program operation as per design and specification, or documentation as detailed in Annex D, Description of Fire Alarm System for Inspection and Test Procedures.	☐	☐	☐
CC	System Reset operates.	☐	☐	☐
DD	Main power to emergency power supply transfer operates.	☐	☐	☐
EE	Smoke detector alarm verification (status change confirmation) verified. [Refer to 14.4.3, Smoke Detector Alarm Verification (Status Change Confirmation)].	☐	☐	☐

Note: This table has been editorially corrected to include the "Time and Date Indication" that is missing in 8.3. This correction displaces 8.3(b) and necessarily adds (ee).

Building Name:		Date:	
Address:		City:	

22.3 Voice Communication Test

There are no Voice Communication capabilities on this system. ☐ (This Section is Not Applicable)				
(Reference Subsection 8.5)				
Location:				
Identification:				
		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	All-call voice paging, including visual indicator, operates.	☐	☐	☐
F	Output circuits for selective voice paging, including visual indication, operates.	☐	☐	☐
G	Output circuits for selective voice paging trouble operation, including visual indication, operates.	☐	☐	☐
H	Microphone, including press to talk switch, operates.	☐	☐	☐
I	Operation of voice paging does not interfere with initial inhibit time of alert signal and alarm signal.	☐	☐	☐
J	All-call voice paging operates (on emergency power supply).	☐	☐	☐
K	Where the system uses 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	In standby mode, a short, or open on a paging, alert, alarm, or emergency telephone voice communication buss results in a buss specific trouble condition.	☐	☐	☐

Building Name:		Date:	
Address:		City:	

22.4 Power Supply Inspection

See 9, Power Supplies

Complete section for each control unit (or transponder) and booster power supply

Power Supply Field Location:				
Power Supply Identification:				
Circuit Disconnect Means Location:				
Circuit Panel/Breaker Identification:				
		Yes	No	N/A
A	Fused in accordance with the manufacturer's marked rating of the system.	☐	☐	☐
B	The primary supply is equipped with identified disconnect means.	☐	☐	☐
C	Adequate to meet the requirements of the system.	☐	☐	☐
D	A short on the isolated side of each power isolation module results in a trouble condition.	☐	☐	☐
E	Operation of a device on the source side of each shorted power isolation module is confirmed.	☐	☐	☐
F	Power for ancillary devices is taken from a source separate from the fire alarm system control unit or transponder power supply.	☐	☐	☐
G	Power for ancillary devices is taken from the control unit or transponder that is designed to provide such power.	☐	☐	☐
H	Ancillary devices, which are powered from the control unit or transponder, are recorded.	☐	☐	☐

22.5 Emergency Power Supply Test and Inspection

See 9.2, 9.3, 9.4 and Annex C, Battery Tests

Complete section for each emergency power supply

Emergency Power Supply Field Location:				
Emergency Power Supply Identification:				
Emergency power supply is provided by:				
☐ Batteries ☐ Generator ☐ UPS ☐ Combination				
Battery Type (as installed): ☐ Sealed Lead Acid ☐ Ni-Cad ☐ Lithium-Ion ☐ Wet Lead				
Battery Capacity (as installed): AH				
NBC required full load alarm operation time: ☐ 2 hours ☐ 1 hour ☐ 30 minutes ☐ 5 minutes				
		Yes	No	N/A
A	Correct battery type as recommended by the manufacturer.	☐	☐	☐
B	Correct battery rating as determined by battery calculations based on full system load.	☐	☐	☐
C	Battery voltage (main power "on"):	VDC		
	Battery charging current (main power "on"):	mA		
D	Battery voltage – main power "off" – FAS in supervisory condition:	VDC		
	Battery current – main power "off" – FAS in supervisory condition:	mA		
E	Battery voltage – main power "off" – FAS in full load ALARM:	VDC		
	Battery current – main power "off" – FAS in full load ALARM:	A		
F	Battery free of physical damage.	☐	☐	☐
G	Battery terminals cleaned and lubricated.	☐	☐	☐
H	Battery terminals clamped tightly.	☐	☐	☐
I	Correct electrolyte level.	☐	☐	☐
J	Specific gravity of the electrolyte is within the battery manufacturer's specifications.	☐	☐	☐
K	Inspected for electrolyte leakage.	☐	☐	☐
L	Adequately ventilated.	☐	☐	☐
M	Record manufacturer's date code or in-service date:			
N	Disconnection causes trouble signal.	☐	☐	☐
O	Indicate type of test performed on a fully charged battery (select one):			
	(i) Required supervisory load for 24 h followed by the required full load operation;	☐	☐	☐
	(ii) Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or	☐	☐	☐
	(iii) Battery manufacturer's method.	☐	☐	☐
	Specify:			
P	Record calculated battery capacity (refer to Annex C2).	AH		
Q	Record the battery terminal voltage after tests are completed.	VDC		
R	Battery voltage not less than 85% of its rated capacity after tests completed.	☐	☐	☐
S	Battery Charging Current: A			
Emergency Power Generator Tests (Reference 9.3)				
A	Generator provides power to the AC circuit serving the fire alarm system.	☐	☐	☐
B	Trouble conditions at the emergency generator shall result in an audible common trouble signal and a visual indication at the required annunciator.	☐	☐	☐
C	Generator "Run" condition at the emergency generator shall result in an audible common trouble signal and a visual indication at the required annunciator.	☐	☐	☐

Building Name:		Date:	
Address:		City:	

22.6 Annunciator, Remote Trouble Signal Unit, Display & Control Centre Test and Inspection

No Annunciator or Remote Trouble Unit is installed on this system. ☐ (This Section is Not Applicable)				
See Section 10				
Complete section for each device.				
Annunciator Location:				
Annunciator Identification:				
		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 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, or in accordance with the documentation detailed in Annex D, Description of Fire Alarm System for Inspection and Test Procedures.	☐	☐	☐
J	Ancillary functions visual indicators operate.	☐	☐	☐
K	Manual activation of alarm signal and indication operates.	☐	☐	☐
L	Displays are visible in the installed location.	☐	☐	☐
M	Operates on emergency power.	☐	☐	☐

Building Name:		Date:	
Address:		City:	

22.7 Annunciators or Sequential Displays

No Annunciator or Sequential Display is installed in this system. ☐ (This Section is Not Applicable)				
See Section 10.2				
If the fire alarm system DOES utilize remote annunciators, complete 22.7 for each annunciator or sequential display.				
Annunciator/Sequential Display Location:				
Annunciator/Sequential Display Identification:				
		Yes	No	N/A
A	Power "on" indicator operates.	☐	☐	☐
B	Individual alarm and supervisory zone designation labels are properly identified.	☐	☐	☐
C	Where individual devices are also annunciated confirm the individual alarm and supervisory indications are properly identified.	☐	☐	☐
D	Where active and supporting field devices are utilized, the device location and programmed device label/descriptor shall be confirmed.	☐	☐	☐
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, or in accordance with documentation as detailed in Section 21. (See Section 7.)	☐	☐	☐
J	Ancillary functions visual indicators operate.	☐	☐	☐
K	Manual activation of alarm signal and indication operates.	☐	☐	☐
L	Displays are visible in the installed location.	☐	☐	☐
M	Multi-line sequential display operates as per 10.2, where utilized	☐	☐	☐

Building Name:		Date:	
Address:		City:	

22.8 Remote Trouble Signal Unit Test and Inspection

No Remote Trouble Signal Unit is installed in this system. ☐ (This Section is Not Applicable)				
If the fire alarm system DOES utilize remote trouble signal unit, complete 22.8 for each remote trouble signal unit.				
Remote trouble signal unit location:				
Remote trouble signal unit identification:				
		Yes	No	N/A
A	Input wiring from control unit or transponder is supervised.	☐	☐	☐
B	Visual trouble signal operates.	☐	☐	☐
C	Audible trouble signal operates.	☐	☐	☐
D	Audible trouble signal silence operates.	☐	☐	☐

22.9 Printer Test

There are no printers on this system. ☐ (This Section is Not Applicable)				
If the fire alarm system DOES utilize printers, complete 22.9 for each printer unit.				
Printer Location:				
Printer Identification:				
		Yes	No	N/A
A	Operates as per design and specification, or in accordance with documentation as detailed in Annex D, Description of Fire Alarm System for Inspection and Test Procedures.	☐	☐	☐
B	Zone of each alarm initiating device is correctly printed.	☐	☐	☐

[illegible]

Note: The tests reported on this form may not include the actual operational test of ancillary devices except when noted in the Confirmation Method column. See Annex A, A22.10.

Building Name:		Date:	
Address:		City:	

22.11 Interconnection to the Fire Signal Receiving Centre

There are no interconnections to a Fire Signal Receiving Centre on this system. ☐ (This Section is Not Applicable)				
If the fire alarm system DOES have an interconnection to the fire signal receiving centre, complete 22.11 for each transmitter.				
Communicator Location:				
Circuit Disconnect Means Location:				
Circuit Panel/Breaker Identification:				
		Yes	No	N/A
A	The fire signal receiving centre transmitter is integral to the fire alarm control unit.	☐	☐	
	A supervised interconnection between the fire alarm control unit and a separately installed fire signal receiving centre transmitter is provided.	☐	☐	
B	Confirm that the alarm transmission to the fire signal receiving centre is received.	☐	☐	
C	Confirm that the supervisory transmission to the fire signal receiving centre is received.	☐	☐	☐
D	Confirm that the trouble transmission to the fire signal receiving centre is received.	☐	☐	☐
E	Disabling or disconnecting the fire signal receiving centre transmitter results in a specific trouble signal at the control unit or transmitter.	☐	☐	☐
F	Disabling or disconnecting the fire signal receiving centre transmitter transmits a trouble signal to the fire signal receiving centre.	☐	☐	☐
G	Record the name and telephone number of the fire signal receiving centre. Company: _____ Telephone: _____ Address: _____			
H	Operation of the fire signal receiving centre disconnect means transmits a trouble signal to the fire signal receiving centre.	☐	☐	☐

Note: Item "A" in this table has been editorially corrected to include both types of fire signal receiving centre transmitters identified in 8.4.1(a).

Building Name:		Date:	
Address:		City:	

22.12 Operation Test Circuit Fault Tolerance

There are no Data Communication Link (DCL) circuits on this system. ☐ (This Section is Not Applicable)				
Refer to Section 12, Operation Tests for Data Communication Link (DCL), and 23.3 Circuit Fault Tolerance Test Sheet.				
Control Unit or Transponder Location:				
Control Unit or Transponder Identification:				
Data Communication Link Circuit Identification:				
		Yes	No	N/A
A	Each system abnormal condition specified in Table 3.1 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 data communication link(s) are installed without fault isolation, impose a wire-to-wire short circuit fault on each data communication link during a non-fire alarm condition and confirm receipt of trouble and alarm conditions from each adjacent data communication link (record results in 23.3, Circuit Fault Tolerance Test Sheet).	☐	☐	☐
E	where fault isolators are installed in data communication links serving field devices, impose wire-to-wire short on the isolated side during non-fire alarm condition, confirm annunciation of the fault, and then operate a device on the source side, and confirm activation at the control unit or transponder (record results in 23.3, Circuit Fault Tolerance Test Sheet).	☐	☐	☐
F	Where fault isolation in data communication links is provided between control units or transponders, the filed wiring shorted between each pair of control units or transponders, in turn, annunciation of the fault confirmed and operation outside the shorted section confirmed (record results in 23.3, Circuit Fault Tolerance Test Sheet).	☐	☐	☐

There are no additional Data Communication Link (DCL) circuits on this system. ☐ (This Section is Not Applicable)				
Control Unit or Transponder Location:				
Control Unit or Transponder Identification:				
Data Communication Link Circuit Identification:				
		Yes	No	N/A
A	Each system abnormal condition specified in Table 3.1 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 data communication link(s) are installed without fault isolation, impose a wire-to-wire short circuit fault on each data communication link during a non-fire alarm condition and confirm receipt of trouble and alarm conditions from each adjacent data communication link (record results in 23.3, Circuit Fault Tolerance Test Sheet).	☐	☐	☐
E	where fault isolators are installed in data communication links serving field devices, impose wire-to-wire short on the isolated side during non-fire alarm condition, confirm annunciation of the fault, and then operate a device on the source side, and confirm activation at the control unit or transponder (record results in 23.3, Circuit Fault Tolerance Test Sheet).	☐	☐	☐
F	Where fault isolation in data communication links is provided between control units or transponders, the filed wiring shorted between each pair of control units or transponders, in turn, annunciation of the fault confirmed and operation outside the shorted section confirmed (record results in 23.3, Circuit Fault Tolerance Test Sheet).	☐	☐	☐

Building Name:		Date:	
Address:		City:	

23 Field Device Records

23.1 Field Device Testing - Legend and Notes

Device	Description	Type	Model Number
Manual Initiating Devices			
M	Manual pull station		
MAS	Manual Abort Station		
Automatic Fire Detection Devices			
HT	Heat Detector, restorable or non-restorable, fixed temperature		
RHT	Heat Detector, restorable, rate-of-rise thermostat		
S	Ionization Smoke detector		
	Sensitivity Test Method (or Test Equipment Model/Method):		
	Manufacturer's Sensitivity Test Range:		
PS	Photo-electric Smoke detector		
	Sensitivity Test Method (or Test Equipment Model/Method):		
	Manufacturer's Sensitivity Test Range:		
DS	Duct Smoke detector		
	Sensitivity Test Method (or Test Equipment Model/Method):		
	Manufacturer's Sensitivity Test Range:		
MC	Multi-Criteria type detector (specify detection types)		
	Sensitivity Test Method (or Test Equipment Model/Method):		
	Manufacturer's Sensitivity Test Range:		
CO	Carbon Monoxide detector		
OD	Other Detector type (specify)		
EOL(R)	End-of-Line resistor ("R" indicates "Power Supervision Relay")		
Fire Sprinkler Devices			
FS	Sprinkler Flow Switch		
FPS	Sprinkler Flow Pressure Switch		
TS	Sprinkler valve supervisory Tamper Switch		
LA	Low Air supervisory device		
LT	Low Temperature supervisory device		
HTC	Heat Trace Controller		
TLW	Tank Low Water supervisory device		
Fire Alarm Signaling Devices			
B	Bell		
H	Horn		
SSAD	Suite Silencing Audible Device		
SB	Smoke Sounder Base		
V	Visual alarm device (specify strobe type or corridor indicator)		
SP	Cone type Speaker		
HSP	Horn Speaker		
AV	Combination Audible/Visual Device - specify type (i.e. Horn/Strobe Unit)		
SCIM	Signal Circuit Isolation Module		
ET	Emergency Telephone (Fire Fighter's Phone)		
SYNC	Signaling Circuit Synchronization Module		
Supporting Field Devices (Addressable Systems)			
RPM	Remote Point Module		
SRIM	Single point Remote Initiating Module		
DRIM	Dual input Remote Initiating Module		
EM	Isolator Module		
SCRM	Signal Circuit Remote Module		
RRM(S)	Remote Relay Module ("S" provides supervised outputs)		
Extinguishment Releasing Devices			
RS	Releasing Solenoid		
PDS	Pressure Discharge Switch		
LPS	Low Cylinder Pressure Switch		
Ancillary Devices			
DH(M,FL)	Door Holder ("M" is Magnetic, "FL" is Fusible Link)		
DM	Damper Motor		
R	Relay		
AD	Other Ancillary Device		
SA	Smoke Alarm (specify single or multi-station type)		

Building Name:		Date:	
Address:		City:	

23.1.1 Testing Notes

The following notes apply to 23.2 Individual Device Record:

1. Smoke detector sensitivity reading confirmed by the control panel or measurement obtained through testing to be recorded in the measurements column.
2. Smoke detector cleaning or replacement date should also be recorded in the measurements column.
3. Status change, including time delay (where applicable), should be recorded in the measurements column. Refer to Annex A3.73 and Annex E.
4. Duct smoke detector pressure differential to be confirmed and recorded in the measurements column. (Sample tubes should be pulled and their alignment confirmed if results indicate any abnormalities.)
5. Transport time of air sampling type detector to be confirmed and recorded in the measurements column.
6. Time delay setting of water flow switch to be recorded in the measurements column.
7. Sprinkler supervisory switches cause a "trouble" condition to be annunciated, but not an alarm condition. (This should be a latching type trouble (or "supervisory trouble") only restorable by pressing "Reset" on the fire alarm control panel. Exceptions should be noted in "Comments".)
8. Upper and lower pressure setting of supervisory devices to be recorded in the measurements column.
9. Low temperature setting to be recorded in the measurements column.
10. Identify the specific ancillary devices in the Comments column.
11. The date any field device is changed should be recorded in the measurements column. (For smoke detectors, if housing discolouration is noted, attempt to identify the source and note the date of manufacture. Heat detectors whose labels are missing, faded and unreadable, or painted should be considered failed and replacement is recommended. This information should be noted in the "Comments" column.)
12. Identify correct field device operation (e.g., alarm, trouble, supervisory, annunciation indication).
13. Identify zone, circuit number, or address.
14. Identify conventional field device locations
15. Identify active field device and supporting field device, data communication link (DCL), address and location.
16. Confirm field device is free of damage.
17. Confirm field device free of foreign substance.
18. Confirm field device mechanically supported independently of the wiring.
19. Confirm field device protective dust shields or covers removed.
20. "Correctly Installed" refers to the version of ULC 524, Standard for Installation of Fire Alarm Systems, applicable at the time of installation of the device being tested.
21. Smoke detectors that employ sounder bases or activate local audible signaling device(s), used in lieu of smoke alarms, to be tested to confirm local sounder operation and annunciation at the control panel, including visible device operation, as applicable, and individually recorded.
22. When batteries are replaced in the short-range radio frequency (wireless) devices, the battery replacement date is to be recorded in the comments Section.

“✓” **Yes** - Acceptable “X” **No** – Unacceptable (See Section 20.2 Deficiencies) “Dash” - Not Applicable

[illegible]

“✓” Yes - Acceptable “X” No – Unacceptable (See Section 20.2 Deficiencies) “Dash” - Not Applicable

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“✓” **Yes** - Acceptable “X” **No** – Unacceptable (See Section 20.2 Deficiencies) “Dash” - Not Applicable

[illegible]

“✓” Yes - Acceptable “X” No – Unacceptable (See Section 20.2 Deficiencies) “Dash” - Not Applicable

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“✓” **Yes** - Acceptable “X” **No** – Unacceptable (See Section 20.2 Deficiencies) “Dash” - Not Applicable

[illegible]

Building Name:		Date:	
Address:		City:	

23.3 Circuit Fault Tolerance Test Sheet

“P” **Pass** - Acceptable “F” **Fail** – Unacceptable (See Section 20.2 Deficiencies) “Dash” - Not applicable

Circuit Fault Test Location	Type of Fault (Record response time or indicate “N/A”)			Isolation Results	Non-Faulted Circuit Location	
Identify Device Location where circuit fault was introduced and description of affected NBC Fire Alarm zone or area	Short	Open	Ground	Identify NBC Fire Alarm Zone or area Location where devices failed due to fault condition	Identify Individual Device tested for operation located in Non-Faulted NBC Fire Alarm zone or area	Pass or Fail