E1. FIRE ALARM SYSTEM ANNUAL TEST AND INSPECTION REPORT

(Reference: 5.1.2)

Building Name: **Our Lady of Sorrows**		Date: **July 10, 2013**
Address	**19 Mohns Avenue**	
	Petawawa, ON	
System Manufacturer: **Siemens**		Model Number: **TXL-1000**

			Yes	No	N/A
A	System provides single-stage operation		Yes		
B	System provides two-stage operation			NO	
C	The entire Fire Alarm System has been inspected and tested in Accordance with CAN/ULC-S536-04, Inspection and Testing of Fire Alarm Systems.		Yes		
D	The Fire Alarm System documentation is on site and includes a description of the system.		Yes		
E	The Fire Alarm System is fully functional.		Yes		
F	The Fire Alarm System has deficiencies noted on the pages attached.			No	
G	Comments	**System fully operational.**			
		See report for complete testing details.			
H	A copy of this report will be given to the following, who is the owner or owner's representative for this building: **Ivan Johnson**		Yes		

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

Shawn Sack CFAA# 19-994485

Name and Signature of Supervising Technician
Conducting the Test and Inspection.

Layman Fire & Safety — Company Name

613-732-5320 — Telephone

Layman FIRE AND SAFETY

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DEVICE LOCATION	DEVICE TYPE	CORRECTLY INSTALLED	REQUIRES SERVICE REPAIRS	ALARM OPERATION CONFIRMED	CIRCUIT NUMBER OR ADDRESS	ANUNCIATION INDICIATION CONFRITED	SMOKE DETECTOR SENSITIVITY	REMARKS
Room 102	S	Yes	No	Yes	1	Yes	N/A	Clean Me Ok
Art Supply Room 101 East	RHT	Yes	No	Yes	1	Yes	N/A	
Main Electrical Room	RHT	Yes	No	Yes	1	Yes	N/A	
Janitors Room	RHT	Yes	No	Yes	1	Yes	N/A	
Janitors Room	M	Yes	No	Yes	1	Yes	N/A	
Hall @ Art Supply Room	S	Yes	No	Yes	1	Yes	N/A	Clean Me Ok
Hall @ Art Supply Room	M	Yes	No	Yes	1	Yes	N/A	
Elevator Mechanical Room	RHT	Yes	No	Yes	1	Yes	N/A	
Hall @ Room 107	S	Yes	No	Yes	1	Yes	N/A	Clean Me Ok
Hall @ Room 107	M	Yes	No	Yes	1	Yes	N/A	
South West Exit @ Room 110	M	Yes	No	Yes	1	Yes	N/A	
Hall @ Room 111	S	Yes	No	Yes	1	Yes	N/A	Clean Me Ok
Hall @ Room 113	S	Yes	No	Yes	1	Yes	N/A	Clean Me Ok
Hall @ Room 116	S	Yes	No	Yes	1	Yes	N/A	Clean Me Ok
Hall @ Room 116a	S	Yes	No	Yes	1	Yes	N/A	Clean Me Ok
Hall @ Room 117	M	Yes	No	Yes	1	Yes	N/A	
Small Janitors Room 112	RHT	Yes	No	Yes	1	Yes	N/A	
2nd Floor Hall @ Boys Washroom	S	Yes	No	Yes	2	Yes	N/A	Clean Me Ok
Hall @ Room 206	S	Yes	No	Yes	2	Yes	N/A	Clean Me Ok
Hall @ Room 208	S	Yes	No	Yes	2	Yes	N/A	Clean Me Ok
Hall @ Room 210	S	Yes	No	Yes	2	Yes	N/A	Clean Me Ok
Hall @ Room 212	S	Yes	No	Yes	2	Yes	N/A	Clean Me Ok
2nd Floor Hall @ South West Stairs	M	Yes	No	Yes	2	Yes	N/A	

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2nd Floor Hall @ South East Exit	M	Yes	No	Yes	2	Yes	N/A	
2nd Floor Janitors Room	RHT	Yes	No	Yes	2	Yes	N/A	
Room 202	RHT	Yes	No	Yes	2	Yes	N/A	
Elevator Lobby @ 214	S	Yes	No	Yes	2	Yes	N/A	Clean Me OK
South West Stairs	S	Yes	No	Yes	3	Yes	N/A	Clean Me OK
South East Stairs	S	Yes	No	Yes	4	Yes	N/A	Clean Me OK
Room 209	DS	Yes	No	Yes	5	Yes	N/A	
Room 208	DS	Yes	No	Yes	6	Yes	N/A	
Room 202	DS	Yes	No	Yes	7	Yes	N/A	
Elevator Shaft	RHT	Yes	No	Yes	8	Yes	N/A	
Library North	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Library South	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Library Glass Area	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Library Exit	M	Yes	No	Yes	9	Yes	N/A	
Library North	EOL	Yes	No	Yes	9	Yes	N/A	
Hall @ Trophies	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Hall @ Office	S	Yes	No	Yes	9	Yes	N/A	

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Main Entrance	M	Yes	No	Yes	9	Yes	N/A	
Exit by Office	M	Yes	No	Yes	9	Yes	N/A	
Photocopier Room	RHT	Yes	No	Yes	9	Yes	N/A	
Principal's Office	RHT	Yes	No	Yes	9	Yes	N/A	
Main Office	RHT	Yes	No	Yes	9	Yes	N/A	
Storage @ Main Office Room 8	RHT	Yes	No	Yes	9	Yes	N/A	
Staff Room	RHT	Yes	No	Yes	9	Yes	N/A	
Gym West	RHT	Yes	No	Yes	9	Yes	N/A	
Gym East	RHT	Yes	No	Yes	9	Yes	N/A	
Gym West Exit	M	Yes	No	Yes	9	Yes	N/A	
Gym East Exit	M	Yes	No	Yes	9	Yes	N/A	
Gym Storage Room	RHT	Yes	No	Yes	9	Yes	N/A	
Gym Equipment Room	RHT	Yes	No	Yes	9	Yes	N/A	
Boys Washroom	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Hall @ Staff Washroom	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Hall @ Girls Washroom	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Hall @ Staff Room	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Room 2 West	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Room 2 East	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Boiler Room Exit	M	Yes	No	Yes	9	Yes	N/A	
Boiler Room West	HT	Yes	No	Yes	9	Yes	N/A	
Boiler Room East	HT	Yes	No	Yes	9	Yes	N/A	
Hall @ Boiler Room	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Room 1 & 2 Cloak Room East	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK

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Room 1 & 2 Cloak Room West	S	Yes	No	Yes	9	Yes	N/A	
Room 1 & 2 Cloak Room Exit	M	Yes	No	Yes	9	Yes	N/A	
Room 1 East	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Room 1 West	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Hall @ Room 3	M	Yes	No	Yes	9	Yes	N/A	
Hall @ Room 3	S	Yes	No	Yes	9	Yes	N/A	Clean Me OK
Portable 1 East Exit	M	Yes	No	Yes		Yes	N/A	
Portable 1 West Exit	M	Yes	No	Yes		Yes	N/A	
Portable 1	RHT	Yes	No	Yes		Yes	N/A	
Portable 2 East Exit	M	Yes	No	Yes		Yes	N/A	
Portable 2 West Exit	M	Yes	No	Yes		Yes	N/A	
Portable 2	RHT	Yes	No	Yes		Yes	N/A	
Portable 3 East Exit	M	Yes	No	Yes		Yes	N/A	Not Connected
Portable 3 West Exit	M	Yes	No	Yes		Yes	N/A	Not Connected
Portable 3	RHT	Yes	No	Yes		Yes	N/A	Not Connected

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Library North	H	Yes	No	Yes		N/A	N/A	
Library South	H	Yes	No	Yes		N/A	N/A	
Hall Near Office	H	Yes	No	Yes		N/A	N/A	
Hall Near Office	EOL	Yes	No	Yes	5	Yes	N/A	
Hall Near Office	EOL	Yes	No	Yes	6	Yes	N/A	
Hall @ Gym	H	Yes	No	Yes		N/A	N/A	
Main Office	H	Yes	No	Yes		N/A	N/A	
Office Storage Room	H	Yes	No	Yes		N/A	N/A	
Staff Room	H	Yes	No	Yes		N/A	N/A	
Boys Washroom	H	Yes	No	Yes		N/A	N/A	
Girls Washroom	H	Yes	No	Yes		N/A	N/A	
Gym	H/S	Yes	No	Yes		N/A	N/A	
Gym	H/S	Yes	No	Yes		N/A	N/A	
Staff Washroom	H/S	Yes	No	Yes		N/A	N/A	
Staff Washroom Handi-Cap Washrm.	H/S	Yes	No	Yes		N/A	N/A	
Room 2	H	Yes	No	Yes		N/A	N/A	
Room 3	H	Yes	No	Yes		N/A	N/A	
Room 101 East	H	Yes	No	Yes		N/A	N/A	
Room 101 West	H	Yes	No	Yes		N/A	N/A	
Main Electrical Room	H	Yes	No	Yes		N/A	N/A	
Elevator Mechanical Room	H	Yes	No	Yes		N/A	N/A	
Janitors Room	H	Yes	No	Yes		N/A	N/A	
Hall @ Boiler Room	H	Yes	No	Yes		N/A	N/A	
Boiler Room	H	Yes	No	Yes		N/A	N/A	

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Room 1	H	Yes	No	Yes		N/A	N/A	
Hall @ East Stairs	H	Yes	No	Yes		N/A	N/A	
Hall @ Room 114	H	Yes	No	Yes		N/A	N/A	
Room 115	H	Yes	No	Yes		N/A	N/A	
Room 116	H	Yes	No	Yes		N/A	N/A	
Room 113	H/S	Yes	No	Yes		N/A	N/A	
Room 114	H	Yes	No	Yes		N/A	N/A	
Room 111	H	Yes	No	Yes		N/A	N/A	
Room 110	H	Yes	No	Yes		N/A	N/A	
Girls Washroom	H	Yes	No	Yes		N/A	N/A	
Boys Washroom	H	Yes	No	Yes		N/A	N/A	
2nd Floor Boys Washroom	H	Yes	No	Yes		N/A	N/A	
2nd Floor Girls Washroom	H	Yes	No	Yes		N/A	N/A	
Hall @ Room 205	H	Yes	No	Yes		N/A	N/A	
Hall @ Room 209	H	Yes	No	Yes		N/A	N/A	
Hall @ Room 212	H	Yes	No	Yes		N/A	N/A	
Room 211a	H	Yes	No	Yes		N/A	N/A	
Room 212	H	Yes	No	Yes		N/A	N/A	
Room 211	H	Yes	No	Yes		N/A	N/A	
Room 211	H/S	Yes	No	Yes		N/A	N/A	
Room 210	H	Yes	No	Yes		N/A	N/A	
Room 209	H	Yes	No	Yes		N/A	N/A	
Room 208	H	Yes	No	Yes		N/A	N/A	
Room 204	H/S	Yes	No	Yes		N/A	N/A	

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Room 206	H	Yes	No	Yes		N/A	N/A	
Room 205	H	Yes	No	Yes		N/A	N/A	
Science Supply Room	H	Yes	No	Yes		N/A	N/A	
2nd Floor Hall @ Elevator	H	Yes	No	Yes		N/A	N/A	

E.2 CONTROL UNIT OR TRANSPONDER RECORD

YES – Tested Correctly

NO – Did not test correctly
(REFER TO REMARKS, E2.12)

N/A – Not applicable
FUNCTION OR FEATURE NOT PROVIDED ON THIS FIRE ALARM SYSTEM

E2.1 CONTROL UNIT OR TRANSPONDER INSPECTION

(Reference: Clauses 5.1.3, 5.2.2.1)

Control unit or transponder location: **Electrical Room**
Control unit or transponder identification:

		Yes	No	N/A
A	Power 'ON' visual indicator operates.	Yes		
B	Common visual trouble signal operates.	Yes		
C	Common audible trouble signal operates.	Yes		
D	Trouble signal silence switch operates.	Yes		
E	Main power supply failure trouble signal operates.	Yes		
F	Ground fault tested on positive and negative initiates trouble signal.	Yes		
G	Alert signal operates.			N/A
H	Alarm signal operates.	Yes		
I	Automatic transfer from alert signal to alarm signal operates.			N/A
J	Manual transfer from alert signal to alarm signal operates.			N/A
K	Automatic transfer from alert signal to alarm signal cancel (acknowledge) feature operates on a two-stage system.			N/A
L	Alarm signal silence inhibit function operates.			N/A
M	Alarm signal manual silence operates.	Yes		
N	Alarm signal silence visual indication operates.	Yes		
O	Alarm signal, when silenced, automatically reinitiates upon subsequent alarm.	Yes		
P	Alarm signal silence automatic cut-out timer.	Time: N/A		
Q	Audible and visual alert signals and alarm signals programmed and operate per design and specification; or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes		
R	Input circuit, alarm and supervisory operation, including audible and visual indication operates.	Yes		
S	Input circuit supervision fault causes a trouble indication.	Yes		
T	Output circuit alarm indicators operate.	Yes		
U	Output circuit supervision fault causes a trouble indication.	Yes		
V	Visual indicator test (lamp test).	Yes		
W	Coded signal sequences operate not less then the required number of times and the correct alarm signal operates thereafter.			N/A

E2.1 CONTROL UNIT OR TRANSPONDER INSPECTION CONTINUED

(Reference: Clauses 5.1.3, 5.2.2.1)

		Yes	No	N/A
X	Coded signal sequences are not interrupted by subsequent alarms.			N/A
Y	Ancillary device by-pass will result in a trouble signal.	Yes		
Z	Input circuit to output circuit operation, including ancillary device circuits, for correct program operation, as per design and specification, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.	Yes		
AA	Fire Alarm System reset operates.	Yes		
BB	Main power supply to emergency power supply transfer operates.	Yes		
CC	Status change confirmation (smoke detectors only) verified. [Refer Subsection 5.7.4.3, Status Change Confirmation (Alarm Verification Feature)].			N/A
DD	Receipt of the alarm transmission to the fire signal receiving centre.	Yes		
EE	Receipt of the supervisory transmission to the fire signal receiving centre.			N/A
FF	Receipt of the trouble transmission to the fire signal receiving centre.	Yes		
GG	Record the name and telephone number of the fire signal receiving centre.	Name: The Security Company		
		Telephone: 1-888-535-9555		
HH	Operation of the fire signal receiving centre disconnect means results in a specific trouble indication at the control unit or transponder and transmits a trouble signal to the fire signal receiving centre.			N/A

E2.2 VOICE COMMUNICATION TEST

(Reference: Clauses 5.1.3, 5.2.3.1)

		Yes	No	N/A
A	Power 'ON' visual indicator operates.			N/A
B	Common visual trouble signal operates.			N/A
C	Common audible trouble signal operates.			N/A
D	Trouble signal silence switch operates.			N/A
E	All-call voice paging, including visual indicator, operates.			N/A
F	Output circuits for selective voice paging, including visual indication, operates.			N/A
G	Output circuits for selective voice paging trouble operation, including visual indication, operates.			N/A
H	Microphone, including press to talk switch, operates.			N/A
I	Operation of voice paging does not interfere with initial time of alert signal or alarm signal.			N/A
J	All-call voice paging operates (on emergency power supply).			N/A
K	Upon failure of one amplifier, system automatically transfers to backup amplifier(s).			N/A
L	Circuits for emergency telephone call-in operation, including audible and visual indication, operate.			N/A
M	Circuits for emergency telephones for operation, including two-way voice communication, operates.			N/A
N	Circuits for emergency telephone trouble operation, including visual indication, operates.			N/A
O	Emergency telephone verbal communication operates.			N/A
P	Emergency telephone operable or in-use tone at handset operates.			N/A

E2.3 CONTROL UNIT OR TRANSPONDER INSPECTION

(Reference: Clauses: 5.1.3, 5.2.4.1)

		Yes	No	N/A
A	Input circuit designation correctly identified in relation to connected field devices.	Yes		
B	Output circuit designations correctly identified in relation to connected field devices.	Yes		
C	Correct designations for common control functions and indicators.	Yes		
D	Plug-in components and modules securely in place.	Yes		
E	Plug-in cables securely in place.	Yes		
F	Record the date, revision and version of firmware and software program.	Date: N/A		
		Rev:	Ver:	
G	Clean and free of dust and dirt.	Yes		
H	Fuses in accordance with manufacturer's specification.	Yes		
I	Control unit or transponder lock functional.	Yes		
J	Termination points from wiring to field devices secure.	Yes		

E2.4 POWER SUPPLY INSPECTION

(Reference: Clauses: 5.1.3, 5.3.1)

		Yes	No	N/A
A	Fused in accordance with the manufacturer's marked rating of the system.	Yes		
B	Adequate to meet the requirements of the system.	Yes		

E2.5 EMERGENCY POWER SUPPLY TEST AND INSPECTION

(Reference: Clauses: 5.1.3, 5.3.2, 5.3.3)

		Yes	No	N/A
A	Correct battery type as recommended by manufacturer.	Yes		
B	Correct battery rating as determined by battery calculations based on full system load.	Yes		
C	Battery voltage with main power supply 'ON'.	26.38		V dc
D	Battery voltage and current with main power supply 'OFF' and fire alarm system in supervisory condition.	Voltage: 25.50		V dc
		Current: 187		mA
E	Battery voltage and current with main power supply 'OFF' and fire alarm system in full load alarm condition.	Voltage: 25.10		V dc
		Current: 1480		mA
F	Charging current.	982		mA
G	Inspected for Physical Damage.	Yes		
H	Terminals cleaned and lubricated.	Yes		
I	Terminals clamped tightly.	Yes		
J	Correct electrolyte level.			N/A
K	Specific gravity of electrolyte is within manufacturer's specifications.			N/A
L	Electrolyte leakage.		No	
M	Adequate ventilation.	Yes		
N	Battery manufacturer's date code or in-service date.	Date: Sept 2009		
O	Disconnection causes trouble signal.	Yes		
P	Indicate type of battery test performed:			
	(i) Required supervisory load for 24 hrs. followed by the required full load operation; or			
	(ii)A silent test using the load resistor method may be used for the full duration test (Refer to Appendix F1, Silent Test); or			
	(iii)Silent accelerated test (Refer to Appendix F2, Silent Accelerated Test); or			
	(iv) A battery capacity meter test. (Refer to Appendix F3, Battery Capacity Meter Test); or	Yes		
	(v) In lieu of the above battery tests, replace the batteries with a new set having a current date code, amp-hour capacity and type as recommended by the manufacturer.			
Q	Record Calculated battery capacity (Refer to Appendix F4.1-C).	20.0		Ahr.
R	Record battery terminal voltage after completion of tests.	26.28		Vdc
S	Battery voltage not less then 85% of its rating after the test.	Yes		
T	Generator provides power to the AC circuit serving the fire alarm system.			N/A
U	Trouble condition at the emergency generator shall result in an audible common trouble signal and a visual indication at the required annunciator.			N/A

E2.6 ANNUNCIATOR AND REMOTE TROUBLE SIGNAL UNIT TEST AND INSPECTION

(Reference: Clauses: 5.1.4, 5.4.1)

Annunciator or remote trouble signal unit location: **Main Entrance**
Annunciator or remote trouble signal unit identification:

		Yes	No	N/A
A	Power 'ON' indicator operates.	Yes		
B	Individual alarm, and supervisory input zones are clearly indicated and separately designated.	Yes		
C	Individual alarm and supervisory zone designation labels are properly identified.	Yes		
D	Common trouble signal operates.	Yes		
E	Visual indicator test (lamp test) operates.	Yes		
F	Input wiring from control unit or transponder is supervised.	Yes		
G	Alarm signal silence visual indicator operates.	Yes		
H	Switches for ancillary functions operate as per design and specification, or documentation as detailed in Appendix C, Description of Fire Alarm for Inspection and Test Procedures.			N/A
I	Other ancillary function visual indicators operate.			N/A
J	Manual activation of alarm signal and indication operates.			N/A
K	Displays are visible in installed location.	Yes		
J	Operates on emergency power.	Yes		

E2.7 ANNUNCIATOR OR SEQUENTIAL DISPLAYS

(Reference: Clauses: 5.1.4, 5.4.2)

		Yes	No	N/A
A	Power 'ON' indicator operates.			N/A
B	Individual alarm, and supervisory zone indication operates.			N/A
	Exception: Operation of each individual alarm and supervisory zone indication gives the identical indication, or lights the identical indicators at the other annunciator(s) and sequential display(s)			(See Exception)
	Specify Method of Confirmation_____			N/A
	Minimum of one alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation.			N/A
C	Individual alarm and supervisory zone designation labels are properly identified.			N/A
D	Common trouble signal operates.			N/A

E2.7 ANNUNCIATOR OR SEQUENTIAL DISPLAYS CONTINUED

(Reference: Clauses: 5.1.4, 5.4.2)

		Yes	No	N/A
E	Visual indicator test (lamp test) operates.			N/A
F	Input wiring from control unit or transponder is supervised.			N/A
G	Alarm signal silence visual indicator operates.			N/A
H	Switches for ancillary functions operate as per design and specification, or documentation as detailed in Appendix C, Description of Fire Alarm for Inspection and Test Procedures.			N/A
I	Other ancillary function visual indicators operate.			N/A
J	Manual activation of alarm signal and indication operates.			N/A
K	Displays are visible in installed location.			N/A

E2.8 REMOTE TROUBLE SIGNAL UNIT TEST AND INSPECTION

(Reference: Clauses: 5.1.4, 5.4.3)

		Yes	No	N/A
A	Input wiring from control unit or transponder is supervised.			N/A
B	Visual trouble signal operates.			N/A
C	Audible trouble signal operates.			N/A
D	Audible trouble signal silence operates.			N/A

E2.9 PRINTER TEST

(Reference: Clauses: 5.1.4, 5.5.1)

Printer location: N/A
Printer identification:

		Yes	No	N/A
A	Operates as per design and specification, or documentation as detailed in Appendix C, Description of Fire Alarm System for Inspection and Test Procedures.			N/A
B	Zone of each alarm initiating device is correctly printed.			N/A
C	Rated voltage is present.			N/A

E2.10 DATA COMMUNICATION LINK TEST

(Reference: Clauses: 5.1.5, 5.6 - Note)

		Yes	No	N/A
A	Confirm that a trouble signal is received at the control unit or transponder under an open loop fault for each data communication link (DCL).			N/A
B	Where fault isolation modules are installed in data communication links serving field devices, wiring shall be shorted on the isolated side, annunciation of the fault confirmed, and then a field device on the source side shall be operated, and activation confirmed at the control unit or transponder.			N/A
C	Where fault isolation in data communication links is provided between control units or transponders and between transponders, introduce a short circuit fault and confirm annunciation of the fault and operation outside the shorted section between each pair of:			
	(i) Control unit to control unit			N/A
	(ii) Control unit to transponder			N/A
	(iii) Transponder to transponder			N/A

E2.11 ANCILLARY DEVICE CIRCUIT TEST

(Reference: Clauses: 5.2.2.1-Z)

Record Specific Type of Ancillary Circuit	Operation of ancillary circuit confirmed		
Safe Room Window Shutters	Yes		
Magnetic Door Holders	Yes		
			N/A
			N/A

Note: The tests reported on this form do not include the actual operational test of ancillary devices.

E2.12 REMARKS

(Reference: E3)

This fire alarm system was in proper working order at the time of testing and no repairs were required.

See report for complete testing details.

Note: Portable #3 devices were all disconnected from the Fire Alarm Panel.

(Attach additional sheets if further remarks are required)

E3. FIELD DEVICE RECORD

(Reference: Clause 5.1.6)

E3.1 DEVICE TESTING – LEGEND AND NOTES

(Reference: Clauses 5.7.4.1.3, 5.7.4.1.4, 5.7.4.1.5, 5.7.4.3.1, 5.7.4.5.1, 5.7.8.1.1, 5.7.8.2.2, 5.7.8.2.4)

DEVICE	DESCRIPTION	TYPE	MODEL NO.
M	Manual Pull Station	Siemens	MS-301
RHT	Heat Detector, Restorable (Note 10)	Thermoflex	CR-135
HT	Heat Detector, Non-restorable (Note 10)	Edwards	283B-PL
S	Smoke Detector (Notes 1, 2, 10)	Siemens	PE-11C
	Sensitivity Test Method or Test Equipment: Model/Method: System Sensor MOD400R		
	Manufacturers Sensitivity Range: Sensitivity Range: 1-2.4 volts		
RI	Remote Indicator Unit		
DS	Duct Smoke Detector (Notes 1, 3, 10)		
---	Other Type of Detector		
SFD	Supporting Field Device (Monitor)		
FS	Sprinkler Flow Switch (Note 5)		
SS	Sprinkler Supervisory Device (Note 6)		
--	Other Supervisory Devices (Low Pressure, Low Water, Low Temperature, Power Loss, etc.) (Notes 7,8)		
EM	Fault Isolation Module		
B	Bell		
H	Horn	Siemens	Mini-Horn
V	Visible Signal Device	Siemens	Mini-Horn/Strobes
SP	Cone Type Speaker		
HSP	Horn Type Speaker		
AD	Ancillary Device (Note 9)		
ET	Emergency Telephone		
EOL	End-of-line Resistor	Edwards	EOL

E3.1 DEVICE TESTING – LEGEND AND NOTES CONTINUED

The following notes apply to Appendix E3.2, 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 settings 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 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 location.

NOTE 14: Identify active field device and supporting field device, data communication link (DCL), address location.

NOTE 15: Test and confirm conventional field device supervision of wiring.

NOTE 16: Confirm device free of damage

NOTE 17: Confirm field device free of foreign substance (e.g. paint).

NOTE 18: Confirm field device mechanically supported independently of wiring.

NOTE 19: Confirm field device protective dust shields or covers removed.

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