

Deficiencies & Recommendations

Customer Name: STOLLERY LIMITED

Technician 1: DAVE LEONARDIS/BIANCA
 PRPIC

Address: 1 BLOOR ST WEST

Technician 2: VICTOR IABONI

City: TORONTO

Inspection Date: NOVEMBER 14, 2012

Summary

Remarks:

SPRINKLER:
 QUOTE: REQUIRED: CONTACT DEBRA SCOTT
 ALL H2O EXTINGUISHERS CURRENTLY IN BUILDING ARE SOLELY FOR DISPLAY PURPOSES, AS PER CUSTOMER

SPRINKLER:
 - CHECK VALVE FOR SIAMESE CONNECTION IN SPRINKLER ROOM WATER CHECK. BUILDING RENOVATED LAST
 IN 1979 SPRINKLER COVERAGE DONE TO O.B.C. OF THAT TIME.

		Yes	No
A.	System in trouble on arrival		✓
B.	Does System Require Fire Watch		✓
C.	System left clear and operational	✓	
D.	Has Customer & Fire Department been notified	✓	

Fire Alarm Systems (Annual)

E1. Fire Alarm System Annual Test and Inspection Report - CAN/ULC S536-04

Building Name:	STOLLERY LIMITED
Address:	1 BLOOR ST WEST
Date:	NOVEMBER 14, 2012
System Manufacturer:	MIRTONE
Model Number:	790

		Yes	No	N/A
A.	System provides single-stage operation			
B.	System provides two-stage operation			
C.	The entire fire alarm system has been inspected and tested in accordance with CAN/ULC-S536, inspection and testing of fire alarm systems.			
D.	The fire alarm system documentation is on site and includes a description of the system			
E.	The fire alarm system is fully functional			
F.	The fire alarm system has deficiencies noted on the pages attached			
G.	A copy of this report will be given to the following, who is owner or owner's representative for this building			

Comments:

VICTOR IABONI (CFAA #:19-911358)

Printed Name of Primary or Supervising
Technician Conducting the Test and Inspection

CROWN FIRE

Company

905-851-9119

Telephone

19-911358

CFAA Identification Number

DAVID LEONARDIS

Printed Name of Primary or Supervising
Technician Conducting the Test and Inspection

CROWN FIRE

Company

905-851-9119

Telephone

CFAA Identification Number

Building Name:	STOLLERY LIMITED
Address:	1 BLOOR ST WEST
Date:	NOVEMBER 14, 2012
System Manufacturer:	MIRTONE
Model Number:	790

E2.1 Control Unit or Transponder Test - CAN/ULC S536-04

Control unit or transponder location:	ELECTRICAL ROOM
Control unit or transponder identification:	MIRTONE

		Yes	No	N/A
A.	Power 'ON' visual indicator operators	✓		
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 trouble 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 signal when silenced, automatically re-initiates upon subsequent alarm			✓
P.	Alarm signal silence automatic cut-out timer	✓		
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	✓		

R.	Input circuit alarm and supervisory operation including audible and visual indication 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 or documentation as detailed in Appendix C. Description of Fire Alarm System for Inspection and Test Procedures	✓		
AA.	Fire alarm system reset operates	✓		
BB.	Main power supply to emergency power supply transfer operates	✓		
CC.	Status change confirmation (smoke detectors only) verified. [Refer Subsection 5.7.4.3, Status change confirmation (Alarm Verification Feature)]			✓
DD.	Receipt of the alarm transmission to the fire signal receiving centre	✓		
EE.	Receipt of the supervisory transmission to the fire signal receiving centre			✓
FF.	Receipt of the trouble transmission to the fire signal receiving centre	✓		
GG.	Record the name and telephone number of the fire signal receiving centre	Name: TYCO Telephone 1-800-289 : -2647		
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	✓		

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E2.2 Voice Communication Test - CAN/ULC S536-04

		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 indication, operates			✓
G.	Microphone, including press to talk switch, operates			✓
H.	Operation of voice paging does not interfere with initial inhibit time of alert signal or alarm signal			✓
I.	All call voice paging operates (on emergency power supply)			✓
J.	Upon failure of one amplifier, system automatically transfers to backup amplifier(s)			✓
K.	Circuits for emergency telephone call-in operation, including audible and visual indication, operates			✓
L.	Circuits for emergency telephones for operation, including two-way voice communication, operates			✓
M.	Circuits for emergency telephone trouble operation, including visual indication, operates			✓
N.	Emergency telephone verbal communication operates			✓
O.	Emergency telephone operable or in-use tone at handset operates			✓

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E2.3 Control Unit or Transponder Inspection - CAN/ULC S536-04

Control unit or transponder location: ELECTRICAL ROOM
 Control unit or transponder identification: MIRTONE



		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	Date: Rev: Ver:		
G.	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			

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E2.4 Power Supply Inspection - CAN/ULC S536-04

Control unit or transponder location:

Control unit or transponder identification:

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






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E2.5 Emergency Power Supply Test and Inspection - CAN/ULC S536-04

Control unit or transponder location: ELECTRICAL ROOM

Control unit or transponder identification: MIRTONE

		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'	27.3 V dc		
D.	Battery voltage and current with main power supply 'OFF' and fire alarm system in supervisory condition	Voltage: 26.1 V dc Current: .150 A		
E.	Battery voltage and current with main power supply 'OFF' and fire alarm system in full load alarm condition	Voltage: 25.8 V dc Current: .700 A		
F.	Charging current	.900 A		
G.	Physical damage			
H.	Terminals cleaned and lubricated			
I.	Terminals clamped lightly			
J.	Correct electrolyte levels			
K.	Specific gravity of electrolyte is within manufacturer's specification			
L.	Electrolyte leakage			
M.	Adequate ventilation			
N.	Battery manufacturer's date code or in-service date	Date: K50737B		
O.	Disconnection causes trouble signal			
P.	Required supervisory load for 24 h followed by the required full load operation			
Q.	A silent test by using the load resistor method may be used for the full duration test (Refer to Appendix F1, Silent Test)			
R.	Silent accelerated test (Refer to Appendix F2, Silent Accelerated Test)			

S.	A battery capacity meter test (Refer to Appendix F3, Battery Capacity Meter Test)			
T.	In lieu of the above battery tests, replace the battery with a new set having a current date code, amp-hour capacity and type as recommended by the manufacturer.			
U.	Record calculated battery capacity (Refer to Appendix F4 1 C)	3.1 Ah		
V.	Record battery terminal voltage after completion of tests	26.85 V dc		
W.	Battery voltage not less than 85% of its rating after the tests			
X.	Generator provides power to the AC circuit serving the fire alarm system			
Y.	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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E2.6 Annunciator and Remote Trouble Signal Unit Test and Inspection - CAN/ULC S536-04

Annunciator or remote trouble signal unit location: FRONT EXIT

Annunciator or remote trouble signal unit identification:

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

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Model Number: 790

E2.7 Annunciator or Sequential Displays - CAN/ULC S536-04

Annunciator or remote trouble signal unit location: FRONT ENTRANCE
 Annunciator or remote trouble signal unit identification: MIRTONE

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

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E2.8 Remote Trouble Signal Unit Test and Inspection - CAN/ULC S536-04

Remote trouble signal unit location: N/A
 Remote trouble signal unit identification:

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

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E2.9 Printer Test - CAN/ULC S536-04

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			✓
B.	Zone of each alarm initiating device is correctly printed			✓
C.	Rated voltage is present			✓

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E2.10 Communication Link Test - CAN/ULC S536-04

Control unit or transponder location: N/A
 Control unit or transponder identification:
 Data communication link identification:

		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)			✓
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			✓
C.	Control unit to control unit			✓
D.	Control unit to transponder			✓
E.	Transponder to transponder			✓

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E2.11 Ancillary Device Circuit Test - CAN/ULC S536-04

Record Specific Type of Ancillary Circuit	
	N/A
	N/A
	N/A

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

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E2.12 Remarks - CAN/ULC S536-04

1. FIVE BELL MUST BE RELOCATED (ABOVE CEILING) 2. ONE PULL STATION DOES NOT OPERATE (MUST BE REPLACED.)

Building Name: STOLLERY LIMITED
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E3.1 Field Device Testing - Legend and Notes - CAN/ULC S536-04

Device	Description	Type	Model No
M	Manual Pull Station	MIRTONE	9289
RHT	Heat Detector, Restorable	THERMO	CR-135
HT	Heat Detector, Non-restorable		
S	Smoke Detector Sensitivity test method or test equipment: Model/Method: Manufacturer Sensitivity Range: Sensitivity Range:	N/A	N/A
RI	Remote Indicator Unit		
DS	Duct Smoke Detector		
--	Other type of Detector		
SFD	Supporting Field Device		
FS	Sprinkler Flow Switch		
SS	Sprinkler Supervisory Device		
--	Other Supervisory Devices (low pressure, low water, low temp, power loss etc.)		
EM	Fault Isolation Module		
B	Bell	MIRTONE	74303
H	Horn		
V	Visible Signal Device		
SP	Cone Type Speaker		
HSP	Horn Type Speaker		
AD	Ancillary Device		
ET	Emergency Telephone		
EOL	End of Line Resistor	MIRTONE	3.7

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 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 (e.g. paint)
- Note 18.** Confirm field device mechanically supported independently of the wiring
- Note 19.** Confirm field device protective dust shield of covers removed

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E3.2 Device Record - CAN/ULC S536-04

Location	Device Type	Correctly Installed	Requires Service	Alarm Operation Confirmed	Annunciator Indication Confirmed	Zone Address	Smoke Sensitivity	Remarks
BSMNT REAR EXIT	MP	✓		✓	✓	12		
BSMNT REAR EXIT	EOL	✓		✓	✓	12		
BSMNT @ COUNTER	B			✓		N1		ABOVE CEILING
1ST FL E EXIT	MP	✓		✓	✓	11		
1ST FL N EXIT	MP	✓		✓	✓	11		
1ST FL W EXIT	MP	✓		✓	✓	11		
1ST FL W EXIT	EOL	✓		✓	✓	11		
1ST FL REAR OF STORE	B					N1		ABOVE CEILING
1ST FL REAR OF STORE	EOL					N1		ABOVE CEILING
1ST FL FRONT STORE	B					N2		ABOVE CEILING
2ND FL E STAIR	MP	✓		✓	✓	4		
2ND FL RER EXIT	MP		✓					NOT WORKING
2ND FL REAR EXIT	EOL	✓		✓	✓	4		
2ND FL CENTRE STAIR	MP	✓		✓	✓	4		
2ND FL CTR STAIR	B	✓		✓		N2		
2ND FL CTR STAIR	EOL	✓		✓		N2		
2ND FL FRONT STAIR	B		✓			M		RELOCATE TO WALL
3RD FL FRONT STAIR	MP	✓		✓	✓	3		
3RD FL FRONT MEZZ	B	✓		✓		M		
3RD FL REAR MEZZ	B	✓		✓		N2		
3RD FL REAR EXIT	MP	✓		✓	✓	3		
3RD FL REAR EXIT	EOL	✓		✓	✓	3		
3RD FL CTR STAIR	MP	✓		✓	✓	3		
2ND FL EAST	SV	✓		✓	✓	7		
2ND FL WEST	SV	✓		✓		8		

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E3.2 Device Record - CAN/ULC S536-04 (Page 2)

Location	Device Type	Correctly Installed	Requires Service	Alarm Operation Confirmed	Annunciator Indication Confirmed	Zone Address	Smoke Sensitivity	Remarks
3RD FL WEST	SV	✓		✓	✓	6		
3RD FL EAST	SV	✓		✓	✓	5		
2ND FLOOR	FS					10		
3RD FL	FS					9		

Sprinkler Report

Inspection Date: NOVEMBER 14, 2012
Technician: DAVE LEONARDIS
Job Name: STOLLERY LIMITED
Job Address: 1 BLOOR ST WEST
Site Contact: VICTOR EDWARDS

		Yes	No
A.	Is System Monitored	✓	
B.	Is System Tied Into F/A	✓	
C.	Does Building Have Security Service		✓

Valve Info

Type of Valve	Make of Valve	Valve Model	Year	System #	Serial Number
WET ALARM VALVE	RELIABLE 4"	B	1960	1	2043

System Components

System Component	OK	Needs Work	N/A
Water Motor Gong		✓	
Electric Bell			✓
Main Valve			✓
Flow Switch		✓	
Pressure Switches	✓		
Supervisory Switches	✓		
Gauges	✓		
Auxiliary Drains		✓	
Main Drain		✓	
Clapper & Seat Gaskets		✓	
Excess Pressure Pump	✓		
Control Valve	✓		
Check Valves	✓		
Anti-Freeze Loops		✓	
I.D Tags		✓	
Inspectors Test Valve		✓	
Spare Head Box		✓	
Siamese Connection	✓		
Ball Drip	✓		
Siamese Caps	✓		
Connection Signage		✓	
Sprinkler Heads		✓	

Pipe, Fittings & Hangers		✓	
Trimming		✓	
Air Maintenance Device		✓	
Air Compressor	✓		
Jockey Pump	✓		
Drum Drips		✓	
Controller		✓	
Piping Slope			✓
Fire Pump			✓
Accelerator/Exhauster			✓

Make & Model Switches

Pressure Switches:	POTTER [S120
Flow Switches:	POTTER WF-5
Supervisory Switches:	ADT SUPERVISORY SWITCH

Flow Test Report

City Pressure PSI:	50	System Static Pressure PSI:	125
Air Pressure PSI:	N/A	Flow Residual Pressure PSI:	56

Time & Trip Test Report

Trip Pressure PSI:	56	Trip Time:	0 min. 48 sec.
Inspectors Test Time:	0 min. 48 sec	Trip Time (Q.O.D.):	N/A min. N/A sec

Comments

- ACCOUNTING OFFICE CLOSET - NO COVERAGE - EXECUTIVE OFFICE 1 MISSING CONCEALED HEAD CHROME COVER - MEZZANINE HEAD CONCEALED INSIDE WALL - WATER CHECK FOR BACKFLUSH

Fire Extinguisher / Fire Hose report

Customer Name: STOLLERY LIMITED

Address: 1 BLOOR STREET, WEST

City: TORONTO

Contact: VICTOR

Technician: BIANCA PRPIC

Inspection Date: NOVEMBER 14, 2012

Site:

Lengend

R/C	Re-Charge
6YR	6YR Maintenance
H/T	Hydro-Static Testing
I/R	Inspect & Re-Rack
P	Pulled For Service
C	Condemned

No. #	Hose Location	Size & Type	Manufacture	Extinguisher #	Manufacture Date	Last H-Test	Next H-Test	Next 6 Year	Remarks
1	SPRINKLER RM IN BASEMENT	5LB ABC	BUCK	74550	2006	2006	2018	2012	6 YEAR
2	BASEMENT CASHIER	5LB ABC	SF	730406	2003	2003	2015	2009	6 YEAR
3	MAIN FLOOR CASHIER E WALL	5LB ABC	SF	730417	2003	2003	2015	2009	6 YEAR
4	2ND FL @ MAIN DESK	5LB ABC	SF	733259	2003	2003	2015	2009	6 YEAR
5	3RD FL @ MANEQUIN DISPLAY	5LB ABC	SF	733260	2003	2003	2015	2009	6 YEAR
6	4TH FLOOR (MEZZ)	5LB ABC	SF	733235	2003	2003	2015	2009	6 YEAR
7	4TH FL TAILOR SHOP	10LB Co2	LA FRANCE	169199	1960	1984	2012		