



FIRE ALARM SYSTEM NFPA 72 REPORT OF INSPECTION and TEST (Page 1 of 4)

Inspection Report Number <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		ALASKA STATE STATUS <div style="border: 1px solid black; padding: 2px;">STATUS ONE-THIRD YEAR</div>	
Inspection Date	10/4/2017	Inspection Time	
Company Name	Wrangell Public Safety	SimplexGrinnell	Juneau Branch
Address	431 Zimovia Hwy	Address	1901 Anka St
City State & Zip	Wrangell, Alaska	City, State & Zip	Juneau, AK 99801
Owner Contact	Kjell Nore 874-3904 305-0640	Office Phone	907-789-4449
Building	Public Safety Building	Office License #	

Monitoring Entity			Approving Agency		
None - Local			AK State Fire Marshal		
Central Station Phone Number			Contact		
			David Tyler		
Monitoring System Account Number			Telephone		
			907-269-5491		
Transmission Type	Service Type	Manufacturer	MODEL	Software Revision	Date of Last Software Revision
Local	Local	Simplex	2001	NA	1986
Last Service Date	Initiating Circuit Style	# Of Circuits	Notification Circuit Style		# Of Circuits
2016	B	19	B		4

NOTIFICATIONS MADE PRIOR TO ANY TESTING		
ENTITY NOTIFIED	NAME	DATE & TIME
Central Station Operator	None	
Building Management	Kjell Nore	
Building Occupants	Yes	
AHJ Notified of pre-existing Impairments	NA	

ALARM INITIATING DEVICES AND CIRCUIT INFORMATION			
Alarm Verification feature is		OFF	
Quantity	Circuit Style	Device Type	Comments
26	B	Ionization Smoke Detector	Smoke detectors need sensitivity testing or replacement-multiple failures
		Photoelectric Smoke Detector	
NA		Multi-Sensor	
35	B	Heat Detector	Need replacement - well over 15 year replacement threshold
4	B	Duct Detector	
3	B	Waterflow Switch	Tested by others under separate report
NA		High Pressure Switch	
13	B	Manual Pull Station	
NA		Beam Detector	
NA		Optical Detector	
NA		Fire Pump Run	
NA		Kitchen Hood System	
NA		Chemical Fire Suppression System	

Greg Anderson	07-037	Page 1 of 4
Inspection Technician	License Number	

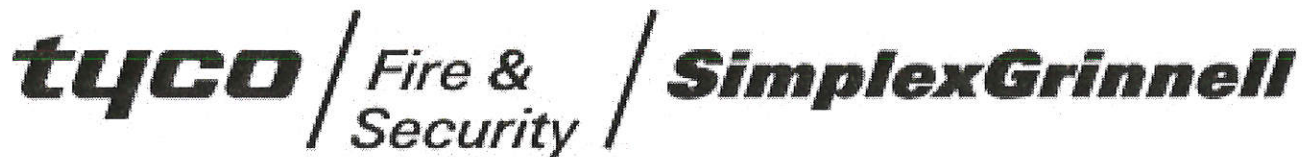
FIRE ALARM SYSTEM NFPA 72 REPORT OF INSPECTION and TEST (Page 2 of 4)

Company Name		Wrangell Public Safety		Inspection Date		10/4/2017	
Inspection Report Number		0		Building			
ALARM NOTIFICATION APPLIANCES AND CIRCUIT INFORMATION							
Are circuits monitored for electrical integrity?				Yes			
Quantity	Circuit Style	Device Type		Comments			
		Horn					
		Speaker					
		Chime					
		Strobe					
15	B	Bell / Strobe					
		Speaker / Strobe					
		Chime / Strobe					
		Bell					
SUPERVISORY SIGNAL INITIATING DEVICES AND CIRCUIT INFORMATION							
Quantity	Circuit Style	Device Type		Comments, Incidents, or Deficiency Notes			
3	B	OS & Y Tamper		Tested by others under separate report			
NA		Plug Tamper					
NA		PIV Tamper					
		Low Pressure Switch					
NA		Water Tank Level					
NA		Fire Pump Trouble					
NA		Fire Pump Loss of Phase					
NA		Generator Run Indicator					
Quantity		AND STYLE OF SIGNALING LINE CIRCUITS CONNECTED TO THIS SYSTEM					
PRIMARY SYSTEM POWER SUPPLIES				SECONDARY (STANDBY) POWER SUPPLY			
Primary Main Nominal Voltage	120	Dedicated	Yes	Battery Type	Sealed Lead-Acid	Amp Hr Rating	7AH
Over current Protection Type	Breaker			Calculated capacity to operate the system, in hours			Unknown-4?
Location of Supply Panel board	Electrical Room			Type of engine-driven generator dedicated to alarm system			None
Disconnecting means location	X14			Location of Fuel Storage	NA		
Is an Emergency or Standby system used as a backup to primary power supply, instead of using a secondary power supply							No
If the answer is "YES" what type & article as defined in NFPA 70							
SYSTEM TESTS AND INSPECTIONS CONTROL PANELS							
TYPE	VISUAL	FUNCTIONAL		COMMENTS			
Control Unit	Fail	Fail					
Interface Equipment	NA						
Lamps & LED's	Fail	Fail		Ground Fault LED failed			
Fuses	OK	OK					
Primary Power Supply	Fail	Fail		Did not sense battery fail			
Trouble Signals	Fail	Fail		Did not sense battery fail nor ground fault			
Disconnect Switches	NA						
Ground - Fault Monitoring	Fail	Fail		Did not sense			
Transient Suppressors	NA						
Remote Annunciators	Fail	Fail					
SYSTEM TESTS AND INSPECTIONS SECONDARY POWER							
TYPE	VISUAL	FUNCTIONAL		COMMENTS			
Battery installed date	2017						
No AC voltage		24.8		CHARGER IS SUSPECT			
Voltage under load		24					
Charger voltage		26.2					




FIRE ALARM SYSTEM NFPA 72 REPORT OF INSPECTION and TEST (Page 3 of 4)

Company Name <u>Wrangell Public Safety</u>		Inspection Date <u>10/4/2017</u>	
Inspection Report Number		Building	
SYSTEM TESTS AND INSPECTIONS NOTIFICATION APPLIANCES			
TYPE	VISUAL	FUNCTIONAL	COMMENTS
Audible	Yes	Yes	
Visible	Yes	Yes	Strobes are insufficient - Not ADA Compliant
Speakers			
Voice Clarity			
SYSTEM TESTS AND INSPECTIONS EMERGENCY COMMUNICATIONS EQUIPMENT			
TYPE	VISUAL	FUNCTIONAL	COMMENTS
Phone Set	NA		
Phone Jacks	NA		
Off - Hook Indicator	NA		
Call - in Signal	NA		
Amplifier (s)	NA		
Tone Generator (s)	NA		
SYSTEM TESTS AND INSPECTIONS INTERFACE EQUIPMENT			
TYPE	VISUAL	FUNCTIONAL	COMMENTS
Elevator Recall	Fail	Fail	No recalls - fire doors wedged open and inoperative
Elevator Shunt Trip	NA		
Smoke Control System	NA		
HVAC Shut Down	NA		
Exhaust Fan Shut Down	NA		
Door Unlock	NA		
Door Release to Close	NA		
Fire Damper Control	NA		
Emergency Power Shunt Trip	NA		
SYSTEM TESTS AND INSPECTIONS SPECIAL HAZARD SYSTEMS			
TYPE	VISUAL	FUNCTIONAL	COMMENTS
Kitchen Hood System	NA		
Gas Suppression System	NA		
Dry Chemical System	NA		
Deluge System	NA		
Pre-Action System	NA		
AFFF Foam System	NA		
CENTRAL STATION SIGNAL VERIFICATION			
TYPE	RESULT	TIME	COMMENTS
Alarm Signal	NA		
Alarm Restoration	NA		
Trouble Signals	Na		
Supervisory Signal	NA		
Supervisory Restoration	NA		



**FIRE ALARM SYSTEM
NFPA 72 REPORT OF INSPECTION and TEST (Page 4 of 4)**

Company Name <u>Wrangell Public Safety</u>		Inspection Date <u>10/4/2017</u>	
Inspection Report Number		Building	
NOTIFICATIONS THAT TESTING IS COMPLETE			
ENTITY NOTIFIED	NAME		DATE & TIME
Central Station Operator	None		
Building Management	Kjell Nore		
Building Occupants	Yes		
System Restored to Normal Operation?	SEE BELOW	Date	Time
		10/4/2017	
SYSTEM WIDE INCIDENT, COMMENTS, AND DEFICIENCY SECTION			
THIS SYSTEM FAILED INSPECTION.			
Waterflow and tamper switches tested with Corey Robinson, Simplex			
System Power supply and batteries failed. Replaced batteries with 7AH, much smaller than required. Needs at least 26Ah - FAIL NFPA 72 10.17.1			
No trouble reported when battery removed, No sensing of ground fault - FAIL NFPA 72 10.17.1			
No Ground fault LED on lamp test - FAIL			
System Failed to operate on battery - FAILED POWER SUPPLY			
All detectors need sensitivity test, slow to respond to smoke NFPA 72 14.4.5.3.1			
All heat detectors older than 15 years, replace. NFPA 72.14.4.2.2			
Annunciators failed, no sounder, no silence, nor reset functions.			
No smoke detectors in sleeping areas. No access to resident EMT apartment.			
No Smoke detection over fire panel NFPA 72 10.15			
Unknown if ground faults exist in this system.			
Elevator smoke doors wedged open and inoperative, no elevator recalls.			
THIS SYSTEM IS WELL PAST END OF LIFE, 30 years old, and needs IMMEDIATE REPLACEMENT. NO PARTS OR SUPPORT AVAILABLE.			
Multiple smoke detectors did not operate including jail cells 140,141,144, two at third floor top of stairs, clerks office break room.			
THIS IS TO CERTIFY THAT THE FIRE ALARM SYSTEM HAS BEEN TESTED AND INSPECTED IN ACCORDANCE WITH THE APPLICABLE NFPA STANDARDS			
This Fire Alarm System was left in Normal condition, considering above deficiencies.			
 Technician	07-037 License Number	10/4/2017 Date	Page 4 of 4