

Annual Inspection Form



Inspection #		ORDER #		VEHICLE #	
Inspected By:		WORK SITE		VEHICLE MAN.	
DATE		PA SERIAL #		VEHICLE YR/MODEL	
CUSTOMER		PA GAUGE READING		DETECTOR SERIAL #	
ADDRESS		PA MFG DATE		DET. GAUGE READING	
CITY, STATE, ZIP		PA SIZE (liters)		VIN	
CONTACT NAME		# OF NOZZLES			
CONTACT PHONE					

1	Piston Accumulator (P.A.) and Detection Cylinder	YES	NO	NA
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1.1	Control Fixture/ Vibration Damage			
	Are all PA mounting brackets, clamps, and hardware intact with no signs of wear or breakage?			
	Are all Detection Cylinder mounting brackets, clamps, and hardware intact with no signs of wear or breakage?			
1.2	Control Protection Box / Labels			
	Is the protection box intact with no signs of wear or breakage?			
	Are all labels visible and readable?			
1.3	Control Leakage / corrosion			
	Is the PA free of any signs of leakage around the fittings, gauge, or pressure switch?			
	Is the Detection Cylinder free of any signs of leakage around the fittings, gauge, or pressure switch?			

2	System hoses, pipes and tubing	YES	NO	NA
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2.1	Control for vibration damage / wear			
	Are the suppression hoses and pipes in the system free of damage and wear?			
	Is the Stainless free of kinks and nicks?			
	Is the routing and fixture of the detector tube free from wear or other damage?			
	Is the detector tube completely protected by SS coil or conduit?			
	Is the detection tube free of abrasions, secured, & nothing contacting tube through coil, etc.?			
2.2	Control for braces (clamps), tightness			
	Are all braces or clamps secure per the installation instructions and in good condition?			
	Are all distribution connections tightened so that there is no risk for leakage?			
	Are all detection tubing connections fully inserted with no possibility for leaks?			
2.3	Control for protective covers and proper positioning of nozzles			
	Are the proper number of nozzles installed?			
	Are all nozzles properly placed per customer or FMNA drawing and free of obstructions?			
	Are the protective covers position and clean? If not, replace with new ones.			
2.3	Control for breakages / cracks on hydraulic hoses			
	Are all hoses secure and in good condition?			
	Are all hoses & tubing connections tight with no possibility for leaks?			
	Is the detector tube free of any wear, pinching, or other damage to the protective tube or protective coil?			
	Is the protective coil secure and the ends properly bent according to the installation manual?			
	Are the Red "FIRE DETECTOR" labels clearly visible on the detector tube? Replace as needed			

3	Cable/Electrical/Manual Punch Activation			
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*****BEFORE PERFORMING ANY WORK ON ACTIVATION, RE-INSERT THE SAFETY SCREW!*****

3.1	Control for Cable Activation			
	Is the cable activation handle free of damage and evidence of tampering?			
	Is the cable pull handle properly installed and connected?			

	Are the cables and handle lubricated and move freely?			
3.2	Control for Electrical Activation			
	Is the electrical activation button free of damage and evidence of tampering?			
	Can the pull pin be removed on the manual button?			
	Are wires and harness connections on electrical punch secure?			
	Is the break away tie secured properly around the pull pin?			
3.3	Control for Manual Punch Activation			
	Is the manual punch free of damage and evidence of tampering?			
	Are all the fittings free of signs of leaks or damage?			
	Can the pull pin be removed on the manual punch?			
	Is the break away tie secured properly around the pull pin?			
3.4	Control for Testing Electrical Punch and "FIRE" Button			
	Was the FM-1318 successfully tested as per section 6?			
4	Alarm panel / Alarm device / Cables	YES	NO	NA
4.1	Check for slackness, breakage and cracks			
	Are the cables free of any slack and are all joints / cables undamaged?			
4.2	Function test/Fire Simulation Under Dash Audible Alarm			
	Does audible alarm sound when FIRE test button is pressed?			
	Does the audible alarm sound and light illuminate when the detector cylinder pressure switch is disconnected?			
4.3	Function Test/Fire Simulation - Basic On Dash Alarm Panel			
	For Alarm Pnl, hold test button for 4 seconds. Do all lights cycle and does audible alarm sound for 5 seconds?			
	Disconnect the detection cylinder pressure switch connector - Does the Amber service system light illuminate?			
	Also disconnect the PA pressure switch connector - Does the RED Fire light illuminate and audible alarm sound?			
	Reconnect the pressure switch connectors			
	Disconnect the safety switch connector - Does the service light illuminate?			
	Reconnect the safety switch connector - Is the green System Okay light illuminated on the panel?			
4.3	Function Test/Fire Simulation - Compact and Smart panels			
	Hold test button for 4 seconds. Do all lights and display fault screens cycle plus the audible alarm sound for 5 seconds?			
	Unplug the det cyl pressure switch - Does the Amber service light illuminate and detection cylinder fault display?			
	Also unplug the PA pressure switch - Does the RED Fire light illuminate, FIRE text display, and audible alarm sound?			
	If setup - did the engine shutdown timer display and countdown?			
	During countdown press the red back arrow - does the timer reset?			
	Plug the det cyl pressure switch back in - Does the Amber service system light illuminate and Piston Accumulator fault display?			
	Plug the PA pressure switch back in and disconnect the safety switch - Does the Amber light illuminate and a fault display?			
	Reconnect the safety switch connector - Is the green System Okay light illuminated and displayed on the panel?			
5	Other Items	YES	NO	NA
5.1	Control for Suppression Unit Enclosure			
	Is protected area unchanged since the last inspection?			
5.2	Installation and Operation Manual / Owners Manual			
	Is installation and Operation / Owners Manual Present?			
	Check if customer would like a manual sent electronically and notify customer service			
5.3	Activation Labels / Control Labels			
	Are all control labels up to date and easily shown?			
5.4	Control if Safety Screw is not engaged into the release valve			
	Is the detection system activated and the safety screw removed?			
	On Gen 2 valve bodies - is the green screw inserted into valve body port?			

5.5	Change of service interval label / Control of gauge pressure			
	Is the service interval date label changed for next inspection?			
	For annual inspections only, is the annual inspection label replaced as required for warranty?			
	Is the PA pressure gauge indicating in the green area & recorded above?			
	Is the detection cylinder pressure gauge indicating in the green area & recorded above?			

Additional Comments:

Inspector (Printed) _____

Customer Name (Printed) _____

Signature _____

Customer Signature _____

Company _____

Date _____

Date _____

Note: It is the customer's responsibility to ensure that all service checks are performed in accordance to Fogmaker North America's guidelines as indicated in the Installation Manual. Services and/or maintenance must be performed by a Fogmaker trained, certified technician.

It is the responsibility of the customer to correct any problems as indicated by this document to ensure the proper function of the system. This document must be returned to Fogmaker NA to be cataloged and verified.

Return of this document for annual inspection will allow Fogmaker NA to provide replacement inspection stickers as required.