

## State of Kansas - Suppression Acceptance Record

Department of Administration, OFPM-DCC

This is not an approval of compliance to contract documents. The Project Architect/Engineer has primary responsibility for inspection to determine compliance with the contract documents. This is not a work directive or authorization. Contractor is to coordinate solution of deficiency with Project Architect/Engineer and to correct all noted deficiencies as directed by Project Architect/Engineer.

**Inspection Date:** [Click here to enter a date.](#)      **Inspector:** [Select](#)  
**Project Number:** [Click here to enter text.](#)      **Project Name:** [Click here to enter text.](#)  
**Riser Name / Location:** [Click here to enter text.](#)  
**New**  **Existing Modification**   
**DCC A/E:** \_\_\_\_\_ **Agency:** [Click or tap here to enter text.](#)  
**D = Deficiency (see notes)**      **A = Accepted**      **DC = Deficiency Corrected**      **NA = Not Applicable**

<b>Sprinkler System</b>		<b>D</b>	<b>A</b>	<b>DC</b>	<b>NA</b>
Documentation	Installer paperwork is present and current. A copy is provided to the inspector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Instructions	Provided to property owner or authorized representative with the following:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standpipe Hydraulic Sign	Shall be verified that it is provided, attached securely, and legible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic Design Sign	Sign shall be provided & attached securely to the sprinkler riser, and is legible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signage	Metal or rigid plastic at riser for antifreeze loop, dry system, pre-action system, or auxiliary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Valves	Shall be identified and have a sign indicating the system or portion of the system it controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Riser Valve Location	Shall be identified at the system riser or other approved location.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Main Drain Valves	Shall be opened and remain open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrostatic Test	Not less than 200 psi pressure for 2 hours, or at 50 psi in excess of the static pressure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Backflow Prevention Assembly	Shall be forward flow tested to ensure proper operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Flow Alarm Device	Including but not limited to water motor gongs, vane-type & pressure switch-type shall be provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gauges	Gauges not accurate within 3% of the full scale shall be replaced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessibility	System is Accessible for inspection testing & maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Freeze protection	Water filled piping is maintained at minimum of 40 degrees F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sprinklers	Shows no signs of leakage, corrosion, physical damage, loading, painted etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sprinkler Obstruction	Clearance between the deflector and the top of storage shall be 18 in. or greater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spare Sprinklers	A supply of 6 for 300 sprinklers, 12 for 300-1000 sprinklers & 24 for over 1000 sprinklers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sprinkler Wrench	One sprinkler wrench specified by sprinkler MFG shall be provided for each type of sprinkler installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sprinkler Cabinet	Shall be kept in a cabinet located where the temperature at no time exceeds 100°F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping & Fitting	Shall not be subjected to external loads by materials either resting on or hung from the pipe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protective Coverings	Spray areas & mixing rooms application areas. (cellophane bags of 0.003 in. or less or thin paper bags.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire Dept Connection	Visible, accessible, rotate smoothly, plugs & caps in place, not leaking, signs in place, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<b>D</b>	<b>A</b>	<b>DC</b>	<b>NA</b>
Documentation	Installer paperwork is present and current. A copy is provided to Inspector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Instructions	Shall provide the owner with All literature and instructions provided by the manufacturer describing the operation and maintenance of equipment and devices installed. A copy of the current edition of NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Test Reports, and Manuals	Shall be provided to the building owner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signs	The installation of signs required by this standard shall be verified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standpipe Piping	Shall show no leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrostatic Test	Systems, yard piping and FDC, tested 200 psi for 2 hours or 50 psi max pressure is in excess of 150 psi.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Freezing	No portion of the piping is subject to freezing during cold weather.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gauges	During hydrostatic test, pressure gauge at top of each standpipe shall be observed and pressure recorded.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Additives	Additives, corrosive chemicals such as sodium silicate or derivatives of sodium silicate, brine, or other chemicals shall not be used while hydrostatically testing systems or for stopping leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow Test	Standpipe system shall be tested to verify system demand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow Test Manual Standpipe	For a manual standpipe, a fire department pumper or portable pump of a capacity to provide required flow and pressure shall be used to verify the system design by pumping into the fire department connection.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Backflow Prevention Device	Forward flow tested to ensure proper operation. The minimum flow rate shall be the system demand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Standpipe continued**

**D A DC NA**

Suction Tanks	Verified by shutting down supplies to tank, drain tank below designated low water level, and then opening the supply valve to ensure operation of its automatic features	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure Regulating Device	Device is operating, and inlet and outlet pressures and flow at the device are in accordance with the design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Main Drain Flow	Main drain valve shall be opened and shall remain open until the system pressure stabilizes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manual Main Drain Flow	Not required for manual systems that do not have a permanently attached water supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manual Valve	Manually opened or closed by turning handwheel or wrench to full range and returning to normal position.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hose Valve Caps	Tightened to avoid leaking during the test and removed after the test to drain water and relieve pressure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alarm & Supervision	Device shall be tested in accordance with NFPA72, and operational	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Clean Agent**

**D A DC NA**

Documentation	Installer paperwork is present and current. A copy is provided to the inspector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage Container Arrangement	Inspection, testing, recharging & maintenance are not obstructed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage Container Secured	Secured according to MFG listed installation manual and is convenient for servicing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage Container Environment	Protected from Chemical damage, exposure to chemicals or harsh weather	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enclosure Integrity	Enclosure shall not have any penetrations that would allow agent to escape	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Training	Personnel working in enclosure shall receive training regarding agent safety issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping Distribution	Shall be inspected to determine that it is in compliance with the design and installation documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nozzle & Pipe Size	Nozzles and pipe size shall be in accordance with system drawing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping joints & Supports	Shall be securely fastened to prevent unacceptable vertical or lateral movement during discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discharge Nozzle	Agent shall not directly impinge on personnel normal work area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nozzle Direction	Shall not impinge on any loose objects or shelves, cabinet tops, or similar surfaces where loose objects could be present and become missiles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Panel	Verify that the control panel is connected to a dedicated circuit and labeled properly. This panel shall be Readily accessible yet restricted from unauthorized personnel.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Raised or Sunken Floor	Shall be protected with agent and provided with smoke detectors, piping network, and nozzles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smoke Detection Ceiling	Cross zoned smoke detectors are provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HVAC	Shall be shut down or closed automatically	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signage	Warning and instruction signs at entrances to and inside protected areas shall be provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pre-discharge Alarm	Shall be provided within the protected area of occupiable space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Abort Switches	Where provided, located within the protected area and located near the means of egress for the area. Type that requires constant manual pressure to cause abort	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disconnect Switch	Unwanted discharge of electrically actuated system, a supervised disconnect switch shall be provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Kitchen Hood**

**D A DC NA**

Cooking Systems	Shall be a type recognized for protection of commercial cooking equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Audible/Visual Indicator	Shall be provided to show system has operated, personnel response is needed, and is in need of recharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manual Pull Station	Located at or near means of egress. 10-20' from kitchen exhaust. 42-48" above floor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel/Electrical Shutoff	Actuation shall shut down fuel or electrical supply. Reset shall be manually.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire Extinguisher	K-Class Along path of egress and located within 30' of kitchen equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
System Location	Controllers, containers, and expellant gas assembly, free from damage, high temps, and accessible.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discharge Nozzles	Protected from grease vapors and moisture with a cap. Positioned correctly over the appliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping	Noncombustible. 3/8 in diameter. Secured, piping may have chrome sleeve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Penetrations	All piping and conduit penetrations are sealed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire alarm	If present shall be tied in for alarm and notification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fusible Link/Heat Detector	Shall be located above each appliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hood	All welds shall be liquid tight continuous external weld	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Fire Pump**

**D A DC NA**

Pump Room	There is room for inspection, service, repair or replacement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indoor Fire Pump	Indoor pumps separated from all other areas of bldg. by 2-hour rating, 1-hr if protected by sprinkler system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Fire Pump	In a bldg. other than that bldg. being protected it is located 50 feet away from protected bldg.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electric Ambient Temp	40 Degrees temperature required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrostatic Test	Piping tested at 200 psi or 50psi above maximum system pressure whichever is greater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electric Wiring	Including control wiring, emergency supply been checked by electrical contractor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow Test	Copy of MFG pump test is available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment/Gauges	All equipment and gauges have calibrated and bear a label	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Damage	No vibration that could potentially damage any fire pump component	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overheating	Fire pump performed at all conditions without objectionable overheating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Governor	Set to properly regulate the engine speed at rated pump speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Level Detection	Shall be required for all vertical turbine pumps installed in wells for suction pressure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Normal/Emergency Lighting	Pump room/house provided with normal and emergency lighting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ventilated	Pump room / house adequately ventilated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor	Floor is pitched toward drain	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Guards	Provided for flexible couplings and flexible connecting shafts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Baseplate	Securely attached to concrete foundation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reducer	Reducer at pump intake is eccentric and installed with flat side up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bypass	At least the size of the discharge pipe is provided if suction supply is of sufficient pressure w/o pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Listed Indicating Type Valve	Are on each side of the check valve in the bypass and are normally open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gauges	A 3-1/2" gauge of at least 200 psi and twice the working pressure of the pump near discharge casing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discharge Piping	Properly sized. (5" for 500 gpm, 750 or 1000 gpm) (8" for 1250 or 1500 gpm) (10" for 2000 or 2500 gpm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Valve	Provided between the discharge valve and the pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relief Valve	provided if pump is diesel driven or if churn pressure can exceed rating of system components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Test Header	Proper size (4" for 500 gpm) (6" for 750 and 1000 gpm) (8" for up to 2500 gpm) (10" for 2500 gpm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hose Valves	2-1/2" is provided on test header (2 for 500 gpm) (3 for 750 gpm) (4 for 1000 gpm) (6 for up to 2500 gpm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drain Valve	Located at a low point of the test header pipe between the normally closed test header valve and test header	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sensing Lines	No shut off valves in the sensing lines. Both sensing lines are 1/2" brass, copper, or series 300 stainless steel piping, tube, and fittings. Sensing lines both tap the discharge pipes between the check valve and the discharge control valve of the pumps they respectively serve.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notes:

[Click here to type notes](#)

This inspection record created by: Office of Facilities and Property Management – DCC; Department of Administration; 700 SW Harrison Street, Suite 1200, Topeka, Kansas 66603-3929 <http://admin.ks.gov/ofpm/dcc>