Chattanooga Fire Protection, Inc

PO Box 948
Chattanooga, TN 37401

phone: (423) 265-1772
fax: (423) 267-4415

Invoice

Date: 9/16/2014
Invoice No.: 25280

Bill to: KCDC
PO BOX 3550
KNOXVILLE, TN 37927

Service at: GARAGE & SUPPORTIVE MAINT.
302 E. ANDERSON AVENUE
KNOXVILLE, TN 37917

Customer ID: KCD001

Description: Work Order 25367 K - SPK INSP

Terms: DUE UPON RECEIPT

Reference: Work Order 25367

PO Number: 104994-23585

Item	Description	Quantity	Unit Price	Amount
Miscellaneous				
	WET SPRINKLER SYSTEM INSPECTIONS	2.00	175.00	350.00
			Miscellaneous Subtotal	350.00

Subtotal:	350.00
Sales Tax:	0.00
Total Due:	**350.00**

Chattanooga Fire Protection, Inc.

Report of Inspection

Sprinkler Report #	W 14205		
Site Conference with :	Jack Canada		4624 Fennel Rd.
Inspection Date :	9/16/2014		Knoxville, TN.
			865-687-6373
Company Name :	KCDC supportive maint	Inspection Location :	Same
Address :	302 E anderson	Inspector :	John Isenberg
Address :	Knoxville	Frequency / Type :	Annual
City/State :	TN	Phone :	865-403-1371

Signatures

Inspector - Printed : John Isenberg Date : 9/16/2014

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of this inspection except as noted.

1. General Information

(To be answered by the owner's representative)

	YES	NO	N/A
a. Have there been any changes in the occupancy classification since the last inspection?		X	
b. Have there been any changes or repairs to the fire protection systems since the last inspection?		X	
c. If a fire has occurred since the last inspection, have all damaged components been repaired or replaced?		X	
d. Has the piping in all systems been checked for obstructions?		X	
e. Have all Fire Pumps been properly tested to their full capacity in the last 12 months?			X
f. Are gravity, pressure, or surface tanks protected from freezing?			X
g. Are any sprinklers older than 50 years?		X	
h. Are there any extra high temperature sprinklers exposed to temperatures near 300 F?		X	

(To be answered by the inspector)

i. Have the sprinkler systems been extended to all visible areas of the building?		X	
j. Does there appear to be proper clearance between the top of all storage and the sprinklers?	X		
k. Are the building areas protected by wet systems protected from freezing where accessible?	X		
l. Are all visible exterior openings protected against the entrance of cold air?	X		

2. Control Valves

a. Are all sprinkler system control valves in the appropriate open or closed position?	X		
b. Are all control valves sealed or supervised in the open position?	X		

Control Valves	Qty.	Type	Easy Access	Signs	Valve open	Secured	Method	Supervision operational
Supply								
Tank								
Pump								
Sectional								
System	1	os&y	y	y	y	y	tamper	y
Alarm line								

3. Water Supply

a. Water supply source : city water supply

Results of waterflow tests during this inspection :

Location	Test Pipe Size	Static Before	Residual	Static After
riser	2 inch	80	60	80

4. Wet System Inspection

a. Number of systems : 1 Make and Model : 4 inch hodgman

	YES	NO	N/A
b. Are cold weather valves in the appropriate open or closed position?			X
c. If cold weather valves are present, has owner been advised that NFPA recommends not using them?			X
d. Have all anti-freeze systems been tested? (see notes for results if applicable)			X
e. Gauges on wet pipe system in good condition and showing normal water pressure?	X		
f. Alarm devices free from physical damage?	X		
g. Hydraulic nameplate, if provided, securely attached and legible?	X		
h. Is there a Fire Pump associated with this system?		X	
i. Is the system equipped with a backflow device?		X	

5. Dry System Inspection

a. Number of systems : NA
b. Date last trip tested : _____ Make and Model : _____
c. Did the air compressor operate satisfactorily?
d. Were all low points drained during this inspection?
e. Did all quick opening devices operate satisfactorily?
f. Did all dry valves operate satisfactorily during the inspection?
g. Do dry valves appear to be protected from freezing?

	YES	NO	N/A
c.			X
d.			X
e.			X
f.			X
g.			X

6. Tanks, Fire Pumps, Fire Department Connection

a. Do Fire Pumps, gravity, surface, or pressure tanks appear to be in good working order?
b. Are gravity, surface, and pressure tanks at the proper pressure and/or water levels?
c. Are the fire dept. connections in satisfactory condition, caps or plugs in place and check valves tight?
d. Is the fire dept. connection visible and accessible?
e. Interior free of obstructions?

	YES	NO	N/A
a.			X
b.			X
c.		X	
d.	X		
e.	X		

7. Alarms

a. Did alarm valves, waterflow alarm indicators, and retards test satisfactorily?
b. Did the water motors and gong operate during testing?
c. Did the electric alarms operate during testing?
d. Is the facility monitored by a monitoring company?

	YES	NO	N/A
b.		X	
c.		X	
d.		X	
		X	

8. Piping and Sprinklers

a. Do sprinklers appear to be in good external condition?
b. Do sprinklers generally appear to be free from corrosion, paint, or loading and visible obstructions?
c. Are there extra sprinklers and a wrench available on site?
d. Does the exterior condition of piping, drain valves, check valves, hangers, pressure gauges, and strainers appear to be satisfactory?
e. Visible pipe hangers and seismic braces in good condition, not damaged or loose?

	YES	NO	N/A
a.	X		
b.	X		
c.	X		
d.	X		
e.	X		

9. Explanation of Findings.

Repairs should be made to get system up to code.

10. The Inspector suggests the following necessary improvements, however, these suggestions are not the result of an engineering survey.

water motor bell not working, gauges should be replaced, sprinkler heads should be added thoughout building and under garage doors when opened
Backflow device should be installed
FDC connection needs replaced

11. Adjustments or corrections made :

visual inspection and flow test
alarm test

12. List changes in the occupancy hazard or fire protection equipment as advised by the owner :

None.

13. Inspection and suggested improvements discussed with undersigned owner's representative?

Owner or Owner's Representative : _____ Date : _____

For questions call :

Chattanooga Fire Protection, Inc.
4624 Fennel rd.
Knoxville, TN 37912
865-687-6373 phone

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Inspection Date :	9/16/2014		Knoxville, TN.
			865-687-6373
Company Name :	KCDC garage	Inspection Location :	same
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1. General Information

(To be answered by the owner's representative)

	YES	NO	N/A
a. Have there been any changes in the occupancy classification since the last inspection?		X	
b. Have there been any changes or repairs to the fire protection systems since the last inspection?		X	
c. If a fire has occurred since the last inspection, have all damaged components been repaired or replaced?		X	
d. Has the piping in all systems been checked for obstructions?		X	
e. Have all Fire Pumps been properly tested to their full capacity in the last 12 months?			X
f. Are gravity, pressure, or surface tanks protected from freezing?			X
g. Are any sprinklers older than 50 years?		X	
h. Are there any extra high temperature sprinklers exposed to temperatures near 300 F?		X	

(To be answered by the inspector)

i. Have the sprinkler systems been extended to all visible areas of the building?		X	
j. Does there appear to be proper clearance between the top of all storage and the sprinklers?	X		
k. Are the building areas protected by wet systems protected from freezing where accessible?	X		
l. Are all visible exterior openings protected against the entrance of cold air?	X		

2. Control Valves

a. Are all sprinkler system control valves in the appropriate open or closed position?	X		
b. Are all control valves sealed or supervised in the open position?	X		

Control Valves	Qty.	Type	Easy Access	Signs	Valve open	Secured	Method	Supervision operational
Supply								
Tank								
Pump								
Sectional								
System	1	os&y	y	y	y	y		
Alarm line								y

3. Water Supply

a. Water supply source : city water supply

Results of waterflow tests during this inspection :

Location	Test Pipe Size	Static Before	Residual	Static After
DIRTROOM	1 1/2"	75	65	75

4. Wet System Inspection

a. Number of systems : 1 Make and Model : 3 inch guardian b-1933

	YES	NO	N/A
b. Are cold weather valves in the appropriate open or closed position?			X
c. If cold weather valves are present, has owner been advised that NFPA recommends not using them?			X
d. Have all anti-freeze systems been tested? (see notes for results if applicable)			X
e. Gauges on wet pipe system in good condition and showing normal water pressure?	X		
f. Alarm devices free from physical damage?	X		
g. Hydraulic nameplate, if provided, securely attached and legible?	X		
h. Is there a Fire Pump associated with this system?		X	
i. Is the system equipped with a backflow device?		X	

5. Dry System Inspection

a. Number of systems : NA Make and Model :

b. Date last trip tested :

	YES	NO	N/A
c. Did the air compressor operate satisfactorily?			X
d. Were all low points drained during this inspection?			X
e. Did all quick opening devices operate satisfactorily?			X
f. Did all dry valves operate satisfactorily during the inspection?			X
g. Do dry valves appear to be protected from freezing?			X

6. Tanks, Fire Pumps, Fire Department Connection

a. Do Fire Pumps, gravity, surface, or pressure tanks appear to be in good working order?			X
b. Are gravity, surface, and pressure tanks at the proper pressure and/or water levels?			X
c. Are the fire dept. connections in satisfactory condition, caps or plugs in place and check valves tight?		X	
d. Is the fire dept. connection visible and accessible?	X		
e. Interior free of obstructions?	X		

7. Alarms

a. Did alarm valves, waterflow alarm indicators, and retards test satisfactorily?		X	
b. Did the water motors and gong operate during testing?		X	
c. Did the electric alarms operate during testing?		X	
d. Is the facility monitored by a monitoring company?		X	

8. Piping and Sprinklers

a. Do sprinklers appear to be in good external condition?	X		
b. Do sprinklers generally appear to be free from corrosion, paint, or loading and visible obstructions?	x		
c. Are there extra sprinklers and a wrench available on site?	X		
d. Does the exterior condition of piping, drain valves, check valves, hangers, pressure gauges, and strainers appear to be satisfactory?	X		
e. Visible pipe hangers and seismic braces in good condition, not damaged or loose?	X		

9. Explanation of Findings.

Repair all issues to get system up to code.

10. The Inspector suggests the following necessary improvements, however, these suggestions are not the result of an engineering survey.

water motor bell not working,FDC caps needed, gauges need to be replaced out of date, heads should be added in rooms without heac
and under garage doors when opened
Backflow device should be installed

11. Adjustments or corrections made :

visual inspection and flow test
alarm test

12. List changes in the occupancy hazard or fire protection equipment as advised by the owner :

13. Inspection and suggested improvements discussed with undersigned owner's representative?

Owner or Owner's Representative : Date :

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