From: Amber Sheldon Verbick

To: Amungwafor, Binyoti - DNR

Cc: Scott Buckner (sbuckne@citgo.com); Michael Sandstrom

Subject: FW: Site Investigation Citgo Terminal, 9235 North 107th Street, Milwaukee, Wisconsin, BRRTS #: 03-41-001622,

02-41-000700, FID #:241309090.

 Date:
 Friday, December 3, 2021 1:36:49 PM

 Attachments:
 2019 Mechanical 20211005 0001.pdf

2020 Detection System.pdf

2020 Mechanical 20211005 0001.pdf 2021 Detection System 20211005 0001.pdf 2021 Mechanical 20211005 0001.pdf 2019 Dectection System 20211005 0001.pdf

# CAUTION: This email originated from outside the organization.

Do not click links or open attachments unless you recognize the sender and know the content is safe.

# Good afternoon Binyoti,

Hoping all is well with you. Wanted to follow up on the below and see if you had an update?

# Enjoy your weekend!

# **Amber Sheldon Verbick**

Senior Project Manager

Office: 866.455.2419 ext. 4042

Mobile: 630.981.7530

Follow Us: Website | LinkedIn | Twitter

**GES: Safety Without Compromise.** 

**From:** Amber Sheldon Verbick

Sent: Wednesday, November 3, 2021 10:10 AM

**To:** Binyoti Amungwafor (Binyoti.Amungwafor@wisconsin.gov)

<Binyoti.Amungwafor@wisconsin.gov>

Cc: Scott Buckner (sbuckne@citgo.com) <sbuckne@citgo.com>

Subject: FW: Site Investigation Citgo Terminal, 9235 North 107th Street, Milwaukee, Wisconsin,

BRRTS #: 03-41-001622, 02-41-000700, FID #:241309090.

### Good morning Binyoti,

After our in-person meeting in February 2020, GES submitted the Revised Closure Report in April 2020 and some additional figure revisions in June 2020 as requested. The incomplete Site Investigation letter was issued by the WDNR in September 2020 and GES submitted a response in January 2021. In April, WDNR reached out regarding the emerging contaminants evaluation and responses were provided directly from the client in May and October below. Would you mind providing an update on WDNR discussions on this site and if there has been a determination? GES left the February 2020 in-person meeting feeling as though we had a grasp on addressing the comments to the Closure Report review and that

we would be on a path to closure. Look forward to hearing back from you and hope you've been well.

Kind Regards,

# **Amber Sheldon Verbick** Senior Project Manager

Office: 866.455.2419 ext. 4042

Mobile: 630.981.7530

Follow Us: Website | LinkedIn | Twitter

**GES: Safety Without Compromise.** 

From: Buckner, Scott B < <u>SBuckne@citgo.com</u>>
Sent: Tuesday, October 5, 2021 10:16 AM

**To:** 'Binyoti.Amungwafor@wisconsin.gov' < <a href="mailto:Binyoti.Amungwafor@wisconsin.gov">Binyoti.Amungwafor@wisconsin.gov</a>>

**Cc:** Amber Sheldon Verbick < <u>AVerbick@gesonline.com</u>>

Subject: RE: Site Investigation Citgo Terminal, 9235 North 107th Street, Milwaukee, Wisconsin,

BRRTS #: 03-41-001622, 02-41-000700, FID #:241309090.

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Greetings Binyoti – I'm sorry it has taken so long to respond to your email but I lost track of this one.

- CITGO Policy is to retain three years of inspection records for our fire foam systems; as such I am attaching inspection reports for 2019, 2020 and 2021. CITGO utilizes two contractors for performing these inspection – one does the electronic detection and signaling equipment and the other takes care of the mechanical inspection, testing and maintenance.
- CITGO has no record of foam being deployed in response to the 1985 spill or for any other spill at this facility.

Please advise if additional information is needed to further our request for closure for this site.

Best Regards,

-Scott

From: Amungwafor, Binyoti - DNR < Binyoti.Amungwafor@wisconsin.gov>

**Sent:** Thursday, June 24, 2021 12:19 PM

**To:** Buckner, Scott B < <u>SBuckne@citgo.com</u>>; Amber Sheldon Verbick

<<u>AVerbick@gesonline.com</u>>

Subject: FW: Site Investigation Citgo Terminal, 9235 North 107th Street, Milwaukee,

Wisconsin, BRRTS #: 03-41-001622, 02-41-000700, FID #:241309090.

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Subject: Site Investigation Citgo Terminal, 9235 North 107<sup>th</sup> Street, Milwaukee,

Wisconsin

BRRTS #: 03-41-001622, 02-41-000700, FID #:241309090.

# Scott & Amber:

On 05/10/2021, the Wisconsin Department of Natural Resources (DNR) received your response to the request for additional information in the DNR's e-mail dated 04/07/2021. The DNR reviewed the responses on 06/09/2021. The DNR is further requesting that you provide details to the requests stated below.

- The 05/10/2021 response stated that maintenance and testing records would be available upon request but may take some time to transmit. Provide a copy of the maintenance and testing record of the loading rack foam system.
- Provide a response and clarify if the foam was deployed during the 600-gallon spill of 1985 and any other subsequent spills on this site.

If you have any other questions, please contact me at 414.208.5874. Thank you
Binyoti



Hydrogeologist
Remediation & Redevelopment Program
Wisconsin Department of Natural Resources
Southeast Region Headquarters
2300 N. Dr. Martin Luther king Jr. Dr.
Milwaukee, WI 53212

**(**2 )

Cell: 414-208-5874 (28) fax: 414-263-8550

(E) e-mail: Binyoti.Amungwafor@Wisconsin.gov

Web site: dnr.wi.gov

Find us on Facebook: <u>www.facebook.com/WIDNR</u>

We are committed to service excellence. Click here to evaluate how I did.

TAKE NOTE: This E-Mail came from outside of GES. Please consider the sender and nature of email before responding back to, clicking on any links or opening any attachments. If it appears suspicious delete it immediately.

Confidentiality Notice: This transmission (including any attachments) may contain confidential information belonging to Groundwater & Environmental Services, Inc. and is intended only for the use of the party or entity to which it is addressed. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, retention or the taking of action in reliance on the contents of this transmission is strictly prohibited; provided, however, the prohibition against disclosure shall not apply if the transmission is required by law to be disclosed by a governmental intended party as a public record. If you have received this transmission in error, please immediately notify the sender and erase all information and attachments. Thank You.

TAKE NOTE: This E-Mail came from outside of GES. Please consider the sender and nature of email before responding back to, clicking on any links or opening any attachments. If it appears suspicious delete it immediately.

#### FIRE DETECTION AND/OR SUPPRESSION TEST REPORT **FIELD DEVICE TESTS** OK N/A COMMENT Audible Alarm Devices Ø П M Visual Alarm Devices 図 Remote Annunciators **Audible Trouble Devices** П $\boxtimes$ 図 Visual Trouble Devices 9825 South 54th Street | Franklin, WI 53132 Ø **Pressure Switches** П Phone: (414) 448-0100 | Fax: (414) 448-0101 **Abort Switches** $\Box$ Ø Electric Release Stations $\boxtimes$ П M Aux. Control Lockouts П OWNER: Citgo Petroleum Remote/Aux. Relavs Ø ADDRESS: 9235 North 107th Street Main/Reserve Switches STATE: WI П CITY: Milwaukee ZIP CODE: 53224 JOB NO. S-1046 Initiator/Solenoid Devices 冈 CONTACT: Jay Zopfi X Addressable Devices. П PHONE(S): 414-322-0807 System Alterations Ø П CUSTOMER: USAFP-WI **Equipment Condition** PHONE(S): 262-782-3311 CHECKOUT [ TEST DATE: 7/9/19 INSPECTION 🛛 **CONTROL PANEL** OK N/A COMMENT AC Power (123.9) VAC $\boxtimes$ PROTECTED AREA: Loading Racks Panel 24 V Power Supply (25.6) VDC SYSTEM TYPE(S): Foam and UV/IR Battery Charging Voltage ( 27.0 ) VDC MANUFACTURER(S): FCI / Detronics / Viking **Battery Load Test** X CONTROL PANEL(S): FC-72 Batt 1:80% Batt 2:80% Dated: 5/17 Size: 26AH Lamp Test $\boxtimes$ **MECHANICAL SECTION** OK N/A COMMENT Ø Fuses/Wiring П $\boxtimes$ Agent Containers Secure Alarm Tests X П $\boxtimes$ Agent Piping Secure X Supervisory Tests Pipe Gauge and Size $\boxtimes$ 1 Trouble Tests (Ground/Open) $\Box$ Nozzles Installed X Dip Switch Settings $\boxtimes$ **Deluge Valves** $\boxtimes$ $\boxtimes$ System Program Pre-Action Valves П X Sequence of Operation Ø $\Box$ Solenoid/Pilot Actuators M System Time Delays: 囟 Ø Pilot Controls П Printers X Waterflow Switches $\boxtimes$ Modem Control M $\boxtimes$ Tamper Switches **Equipment Condition** $\boxtimes$ $\Box$ Selector Valves $\boxtimes$ Serial Number \_\_ Pneumatic Release $\boxtimes$ П Gauges/Hoses etc. $\boxtimes$ $\boxtimes$ System Alterations INTERLOCKS OK N/A COMMENT $\boxtimes$ Room Sealed Properly П Air Conditioners $\boxtimes$ **Equipment Condition** $\boxtimes$ Air Handlers/Heaters Ø Valves Trip Tested $\boxtimes$ Process Interlock $\boxtimes$ Low Air Switches Adjusted 図 **Fuel Shutoff** 図 Normal Air Alarm Point Trip Computer Shutdown M **EPO Switches** Ø REPORT ATTACHED **FOAM SYSTEM TESTING** N/A Door Closers X Foam Test Door Strikes Ø П

#### **IMPORTANT**

**Dampers** 

Other: Exit gates open

See comments section on page 3 for notes pertaining to those items containing a number in the comment box. A number in this box Indicates a possible problem or a situation in which a particular device or function was not tested due to inaccessibility or the potential for business interruption. Starfire Systems, Inc. assumes no liability for those items identified.

 $\boxtimes$ 

П



				REMOTE MONITOR	OK	N/A	COMMENT
AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 2 IN COL	STATE SHOWING			Alarm	$\boxtimes$		4
S.	111	73/6	E/ I	Supervisory		$\boxtimes$	
E SY	STEN	IS, IN	c/	Trouble	$\boxtimes$		4
A Thousand the same of the sam	MISSOURIANES		MANUS.	Pre-Release		$\boxtimes$	
9825 South 54th Stre	et   Fra	inklin, W	VI 53132	Release		$\boxtimes$	
Phone: (414) 448-01	00   Fax	x: (414)	448-0101	Agency: Control Room			
11101101 (1111) 1110 01				Building Fire Alarm:			
OWNER: Citgo Petroleum				Other:			
PROTECTED AREA: Loadin	a Racks			Total Comment American property and the second statement of the second	A CONTRACTOR OF THE PARTY OF TH	S. VANTO DE CALLO	
TEST DATE: 7/9/19	3						
DETECTION DEVICES	XIII DOMESTIC TO			EXPERIMENTAL PROPERTY OF THE PARTY OF THE PA	To the second		NAMES OF STREET
DETECTION DEVICES					-		
CONTRACTOR OF STREET OF STREET, STREET	OK	QTY.	COMMENT	DEVICE TESTED	ОК	QTY.	COMMENT
DEVICE TESTED Photoelectric Smoke Detector		QTY.	COMMENT	DEVICE TESTED Spark Detectors	OK	QTY.	COMMENT
DEVICE TESTED		QTY.	COMMENT		ок 	QTY.	COMMENT
DEVICE TESTED Photoelectric Smoke Detector	rs 🗌	QTY. 30	COMMENT	Spark Detectors	ок 	QTY.	COMMENT
DEVICE TESTED Photoelectric Smoke Detector Ionization Smoke Detectors Heat Detectors, Temp: 225'f	rs 🗌		COMMENT	Spark Detectors Beam Smoke Detectors	<b>ок</b>	QTY.	COMMENT
DEVICE TESTED  Photoelectric Smoke Detector Ionization Smoke Detectors Heat Detectors, Temp: 225'f Flame - UV/IR	rs 🗌	30	COMMENT	Spark Detectors Beam Smoke Detectors Combustible Gas Detectors	<b>ок</b>	QTY.	COMMENT
DEVICE TESTED  Photoelectric Smoke Detectors Ionization Smoke Detectors Heat Detectors, Temp: 225'f Flame - UV/IR Duct Smoke Detectors	rs	30	5	Spark Detectors Beam Smoke Detectors Combustible Gas Detectors Incipient Fire Detectors	<b>ок</b>	QTY.	COMMENT
DEVICE TESTED  Photoelectric Smoke Detectors Ionization Smoke Detectors	rs	30 6 ename): N	5 	Spark Detectors Beam Smoke Detectors Combustible Gas Detectors Incipient Fire Detectors			COMMENT
DEVICE TESTED  Photoelectric Smoke Detectors Ionization Smoke Detectors Heat Detectors, Temp: 225'f Flame - UV/IR Duct Smoke Detectors See addressable panel test h	rs	30 6 ename): N	5 	Spark Detectors Beam Smoke Detectors Combustible Gas Detectors Incipient Fire Detectors Water Leak Detectors			
DEVICE TESTED  Photoelectric Smoke Detectors Ionization Smoke Detectors Heat Detectors, Temp: 225'f Flame - UV/IR Duct Smoke Detectors See addressable panel test h	rs	30 6 ename): N	5 	Spark Detectors Beam Smoke Detectors Combustible Gas Detectors Incipient Fire Detectors Water Leak Detectors			

ONE NO.	PROTECTED AREA	TEMP	TEST METHOD	RESISTANCE	LENGTH
NA					
i i					
					~

ERIAL NO.	GROSS	NET	TARE	PSI	TEMP	LLI	HYDRO	ACT. DATE	LOCATION
NA									
					+				
				-	<del>                                     </del>		-		
	-								
					1		+		
	ļ								
					-				
-10									
							T		



9825 South 54th Street | Franklin, WI 53132 Phone: (414) 448-0100 | Fax: (414) 448-0101

OWNER: Citgo Petroleum	
PROTECTED AREA: Loading Racks	
TEST DATE: 7/9/19	

SERVICE / CHECKOUT LIST	OK	N/A	COMMENT
System(s) Armed	$\boxtimes$		
Control Interlocks Rearmed	$\boxtimes$		
System(s) Status Normal	$\boxtimes$		
Customer Training	$\boxtimes$		
Authorities Notified	$\boxtimes$		
Monitoring Systems Armed	$\boxtimes$		
Building Systems Armed	$\boxtimes$		
Solenoids/Cylinders Connected	$\boxtimes$		
Warning Signs In Place			

SERVICE NOTES:	DESCRIBE	SPECIAL DISAR	MING PROCEDURES
----------------	----------	---------------	-----------------

Disable the Zone releases and relay modules until allowed to test the shutdowns and trip test the valves. Make sure the foam valve is closed for all the testing. Citgo will shutoff the ESD switch to prevent shutdowns.

# SYSTEM COMMENTS:

- 1. The mechanical portion of the inspection was done by USAFP-WI. See the sprinkler system test repor for details.
- 2. The valve tampers are not monitored, but they are sealed to indicate if they are operated, and there are no waterflow devices. The pumphouse is normally locked.
- 3. The bell at the control room office is the general trouble bell and is silencable at the FACP. The bell outside the Foam house is a low temperature sensor alert and is not silencable.
- 4. There is no 24 hour remote monitor of the fire system. The trouble and alarm signals are monitored at the control building and a dialer calls the site cell phones.
- 5. The rack UV/IR zone was in trouble upon arrival. The cleaning of the lenses cleared the trouble. The UV/IR sensors are tested with both the Fire Sentry UV/IR tester and the IR3 tester at the same time to alarm both portions at the same time.

STARFIRE SYSTEMS, INC TECHNICIAN:  Daniel Kornblum  SIGNATURE:	FIRE DEPARTMENT:  FIRE INSPECTOR:  SIGNATURE:
CUSTOMER OR OWNER: Citgo Petroleum CUSTOMER OR OWNER REP: Jay Zopfi SIGNATURE:	INSURANCE COMPANY:
COPY TO CUSTOMER: YES NO (COMMENT):	

# UNITED STATES ALLIANCE FIRE PROTECTION, INC.

WHITE - Original YELLOW - Subscribers Copy PINK - Office Copy

Inspect	OF 2 · Use separate sheet for each building inspection.  tion Report No  red With	REPORT OF INSPECTION	Inspection Contract No
Comer	A. Lea Dorrale	RIII DIN	IG OR LOCATION 2 Deluce / Foam SYS
REPOF	9235 N. 107th	BOILDIN	INSPECTOR WF/367
STREE		IJΣ.	DATE
CITY	& STATE <u>Milwaukee</u> ,		DATE
Owner A.	r's Section (To be answered by Owner or Explain any occupancy hazard changes sin	r Occupant) nce the previous inspection.	
8.	Describe fire protection modifications made		
C.	Describe any fires since last inspection.		
D. E. F.	Are dry valves adequately protected from	freezing?	20 - 2 (1000)
	Signature	Title	Date
Inspe	ctor's Section (All responses reference cu	rrent inspection) NA = NOT A	PPLICABLE
a. b. c. d. e. 2. C a. b.	<ul> <li>Does all electrical heat tape appear to be</li> <li>Does the hand hose on the sprinkler sy</li> <li>ontrol Valves (See Item 15.)</li> <li>Are all sprinkler system control valves a</li> <li>Are all control valves in the open positi</li> </ul>	to rance between the top of the storage satisfactory? The Yes No NA stem(s) appear to be satisfactory? and all other valves in the appropriate the satisfactory.	iate open or closed position Yes 🔲 No
а.	Vater Supplies (See Item 16.) . Was a water flow test of main drain ma		□No
а	anks, Pumps, Fire Department Connection  Are fire pumps, gravity tanks, reservoirs an  Are fire department connections in satisfacto Are they accessible and visible Yes	nd pressure tanks in good condition an Try condition, couplings free, caps in pla	nd properly maintained?  Yes No NA ace, and check valves tight Yes No NA
a. b.	Vet Systems  . Are cold weather valves (O.S. & Y.) in  . Have antifreeze system solutions been t  . Were the antifreeze test results satisfact In areas protected by wet system(s), does the	the appropriate open or closed postested? Yes No NA ory? Yes No NA building appear to be properly heated i	in all areas, including blind attics and perimeter areas protected against freezing?  Yes  No NA
a. b c. d e f.	Ory Systems (See Items 11 to 13.)  Are dry valve(s) in service? Yes  Are the air pressures and priming water.	No NA levels in accordance with the manuficial plies been tested? Yes No NA spection? Yes No NA stactorily? Yes No NA sign the trip pressure test? Yes	acturer's instructions?  Yes No NA A Are they in service? Yes No NA
7. S a b	pecial Systems (See Item 14.) Did the deluge or pre-action valves open Did the heat-responsive devices operate Did the supervisory devices operate du	erate properly during testing?	S No NA
8. A a b	Alarms  Did water motor(s) and gong(s) test sales.  Did electric alarm(s) test satisfactorily of the control of	tisfactorily?   Yes   No NA	
9. S a b c	Sprinklers L. Are all sprinklers free from corrosion, lo D. Are sprinklers less than 50 years old? (0	oading or obstruction to spray discharged of the control of the co	ing)
	Explain any "No" answers and comments:		
	m y		
9	Signature: WWW	Da Da	te: 7-9-19

5313 Voges Road Madison, WI 53718 2936 South 166th Street New Berlin, WI 53151

W6264 Contractor Drive Suite A Appleton, WI 54914

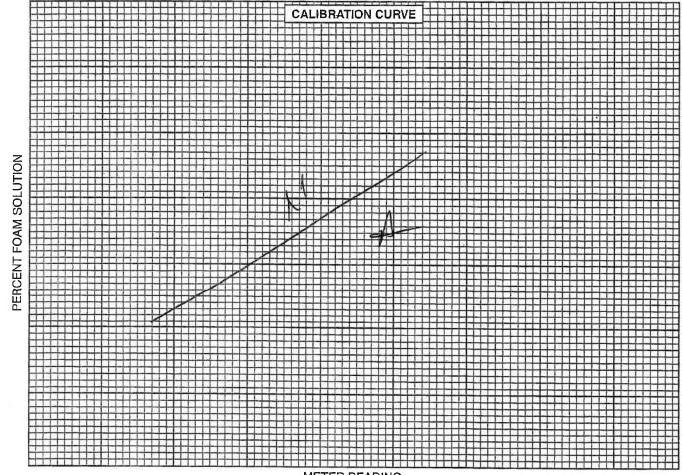
SHEET 2 OF 2 - Use separa	ate shee	t for each s	ystem ir	spection.									Syste	em No	or Pescrip	ption if multiple
Inspection Report													-	AS	T PA	ek
<ul><li>11. Date dry-pipe val</li><li>12. Date dry-pipe val</li><li>13. Date quick-openir</li></ul>	ve trip	tested	contro	ol valve	fully	open	)			(Sec	e Trip			10.7		
		MAKE	DRY	MODI	E1		AL NO.	TABL	E	IAKE	C.O.D.	MOD	Et	SERIA	, NO	-
		MARE		MODI		JEAN	AL 180.			7		III O		- Garage	110.	
DRY PIPE OPERATING		Time to			iter sure	7	Air Pressure			Point	Time W. Tes	ater Rea			Operated operly	<del>-</del>
TEST	Without	MIN.	SEC.	PS		Ŧ	PSI		7	PSI	MIN.	5	EC.	YES	NO	<del></del>
	Q.O.D. With Q.O.D.	$\vdash$				+		$\dashv$			-	+			-	-
14. Date deluge or p		on valve	tested	1 7 -	9-	19	(See	Trin '	Test '	Table wł	ich foll	orus )			1	•
11. Date 10.191 or 1	Oper			PNEUMA		TRI	P TEST	TAB	LE	AULIC						
251,165.0	-	g Supervised		YES		D NO	-			a supervis	ed		TOY		□NO	•
DELUGE & PREACTION	_	valve opera		-		-		ontrol	station	Method o	f testing-	circuits	XXY	ES	□NO	·
VALVES			JONE .		NO					34/6 FA	NUA	. 1	HK	1		thee sy
		MAKE		MODE	L		each circu ision loss S			yes each	ve releas	0	operat	num, time te release 'ES	NO	
	U	KING		E-1		V				X			Y			•
15. See Control Valve	e Mair	ntenance	Table.		ontro	ol Vals	ve Mai	ntena	nce	Table		¥			Explain	
Control Valves		Number	1	Гуре	Op	en	Secu	ted	CI	osed	Sign	15			Abnorma Condition	
City Connection Contro Valve	ol .						1									
Tank Control Valves																
Pump Control Valves	_		_	0.1		,										
Sectional Control Valve	S		P	FIA	$\stackrel{>}{\sim}$	<u>_</u>	See									······
System Control Valves Other Control Valves	-		13	23		<	Sea		-	$\rightarrow$		$\dashv$		MAN	JAM.	
16. Water Flow Test	at Spri	nkler Ris	er	313	$\overline{\gamma}$	7	DEG						/	V 1 ## 1\	VIII	<u> </u>
Water Supply Source:	1			(	ity	2_					ank	-				Pump
		Dat	е			st Pipe ecation				Size of Test Pipe	•			Static ressure		Residual (Flow) Pressure
Last Water Flow Test This Water Flow Test		6-2	3-0	3	25	205	>	$\perp$		211				85		160
17. Explain any "No"	answe	ers and c	omme	nts:		3	No		2			JL		85		_78
18. Adjustments or co	orrection	ons made	durin	g this ir	spec	tion:	Pu	100	200	00	<u> </u>	eR	7	hrac	zh	AU
19. Although these co	mmer	nts are no	ot the	result of	an e	ngine				following		rable	impr	ovemen	its are re	commended:
20. Was the system or system 21. Was system or system Signature:	stems pi	laced in se d upon co	svice up	oon conch	sion	of inspe _Yes	Seal #	Ye	:s	_No	Date_		7-	9-1	9	

SHEET 2 OF 2 - Use separa	ate shee	t for each	system i	nspection.							Sys	tem No.	or Descrip	tion if multiple
Inspection Report												Ma.	IN E	CK
<ul><li>11. Date dry-pipe val</li><li>12. Date dry-pipe val</li><li>13. Date quick-openir</li></ul>	ve trip	tested	(contr	ol valve ful	ly of	pen) _			(See	Trip T				
15. Date quick-opeim	ig ucv	ice test			40	1								
ì		MAKE	DRY	MODEL .	-	ERIAL N	ST TAB		MAKE	C.O.D.	MODEL	SERIA	L NO.	×
							4	_		_				
DRY PIPE		Time t		Water			ir V		rip Point	II I STATE OF THE	ter Reached		Operated	
OPERATING TEST		Thru Te	SEC.	Pressure			sure SI	Air	Pressure	MIN.	Outlet SEC.	YES	roperly NO	•
	Without Q.O.D.	-		1							T			=:
	With Q.O.D.							-			<b>†</b>		†	
		-		70	·~									
14. Date deluge or p	oreacti	on valv	teste	d <u>1-7-1</u>	7		See Trip		Table wh	ich follo	ws.)			
	Opera			PNEUMATIC	70	ELECTRI	c o	HYDF	RAULIC			/		
DELUGE &	-	g Supervise		YES the manual to	36			_	dia supervise	d	200	ES	□NO	
PREACTION VALVES	_		-	cility in each o	_			31.01.1	Method of	testing-c			ОМО	
TALTES			JOWN	S DNO	10				man		Hear		4e Be	2 545
		MAKE	1	MODEL			loss alarm	rate	Does each operate val		opera	mum time ite release YES	NO	
	Vik	INC	1	=-1_	1	3	-			+ "				
		7										,		
15. See Control Valve	e Mair	itenance	Table	-	rol V	Valve N	/lainten	ance	Table					./5
	1		1	1		1		l	1		1		Explain Abnormal	
Control Valves	. +	Numbe	-	Type (	Open	S	ecured	(	Closed	Signs			Condition	
City Connection Contro Valve	) (	.3	0	SAN	×	5	eal				1			
Tank Control Valves														
Pump Control Valves														
Sectional Control Valve	s			FIY	X	- 5	eal	-			_			
System Control Valves	-+	4	B-	FIY	X	-	eac	-			-			1- 1110
Other Control Valves			0	PITI			Sau-					IMA M	VAC	<i>lalue</i>
16. Water Flow Test a Water Supply Source:		nkler R	ser	City	_	$\overline{)}$			Ta	ank				Pump
		Da	te		est F				Size of			Static		Residual
					Locat	ion			Test Pipe		1	ressure		(Flow) Pressure
Last Water Flow Test		6-24	-18		20	SAS			7"			85		75
This Water Flow Test		7-9-	19		(2)	59			-			35		75
17. Explain any "No"	answe	ers and	omme	nts:	N	ON	Q							
								-						
													-117	
18. Adjustments or co	rrectio	ons mad	e durin	ng this inspe	ection		-100 188	26	3 0	11	70.S.S	ves_	w;th	water
	Du	Line	00	UNI	Je	1 55	ound	)	OUT					JUINCLINIA CONTRACTOR
19. Although these co	mmer	nts are n	ot the			11.50			9.5	ng desir	able imp	ovemer	nts are rec	ommended:
	~	ion	1											
				-			\							
20. Was the system or system 21. Was system ar system							* Y	es	No	_7	-9-1	3		
Signature:	_	<del>-</del>	1	_						Date_		/		

# FIELD INSPECTION RECORD

Page 5

CUSTOMER/LOCAT	TION: Citgo Te	TROLEU	ım	FILE	NO.:
	7-19			Il Graun	
FOAM CONCENTRA	ATE TYPE / LOT NO.:	TIONAL L	iniversal	3012 1%/3%	AR-AFFF
	CONDUCTIVITY:				
	CALIBRATION STANDARDS			METER READIN	NG
	FOAM CONCENTRATE				/
	WATER				
PRE-MIX #1 —				1	
PRE-MIX #2 —				V	
PRE-MIX #3 —					



METER READING

TANK 98% Full

SYSTEM DISCHARGE SAMPLE

SYSTEM DISCHARGE SAMPLE	METER READING	PERCENT FOAM SOLUTIO		
NO Flow Done				
Sample of CONCENTRATE				
sent to las for Testing.				
*				

# FIRE DETECTION AND/OR SUPPRESSION TEST KEPCK



9825 South 54th Street | Franklin, WI 53132 Phone: (414) 448-0100 | Fax: (414) 448-0101

OWNER: Citgo Petroleu	m	
ADDRESS: 9235 North	107 <sup>th</sup> Street	
CITY: Milwaukee		STATE: WI
ZIP CODE: 53224		JOB NO. S-1046
CONTACT: Jay Zopfi		
PHONE(S): 414-322-080	07	
CUSTOMER: USAFP-WI		
PHONE(S): 262-782-33	11	
TEST DATE: 6-29-20	CHECKOUT [	INSPECTION 🖂

PROTECTED AREA:	Loading Racks
SYSTEM TYPE(S): For	am and UV/IR
MANUFACTURER(S):	FCI / Detronics / Viking
CONTROL PANEL(S):	FC-72

MECHANICAL SECTION	OK	N/A	COMMENT
Agent Containers Secure		$\boxtimes$	
Agent Piping Secure		$\boxtimes$	
Pipe Gauge and Size	$\boxtimes$		1
Nozzles Installed	$\boxtimes$		1
Deluge Valves	$\boxtimes$		1
Pre-Action Valves		$\boxtimes$	
Solenoid/Pilot Actuators	$\boxtimes$		
Pilot Controls		$\boxtimes$	
Waterflow Switches		$\boxtimes$	2
Tamper Switches		$\boxtimes$	2
Selector Valves		$\boxtimes$	
Pneumatic Release		$\boxtimes$	
Gauges/Hoses etc.	$\boxtimes$		1
System Alterations		$\boxtimes$	
Room Sealed Properly		$\boxtimes$	
<b>Equipment Condition</b>	$\boxtimes$		1
Valves Trip Tested	$\boxtimes$		1
Low Air Switches Adjusted		$\boxtimes$	
Normal AirAlarm Po	oint	Trip _	

FOAM SYSTEM TESTING	REPORT ATTACHED	N/A
Foam Test		$\boxtimes$

FIELD DEVICE TESTS	OK	N/A	COMMENT
Audible Alarm Devices	$\boxtimes$		
Visual Alarm Devices		$\boxtimes$	
Remote Annunciators		$\boxtimes$	
Audible Trouble Devices	$\boxtimes$		3
Visual Trouble Devices		$\boxtimes$	
Pressure Switches		$\boxtimes$	
Abort Switches		$\boxtimes$	
Electric Release Stations	$\boxtimes$		
Aux. Control Lockouts		$\boxtimes$	
Remote/Aux. Relays		$\boxtimes$	
Main/Reserve Switches		$\boxtimes$	
Initiator/Solenoid Devices	$\boxtimes$		
Addressable Devices.		$\boxtimes$	
System Alterations		$\boxtimes$	
Equipment Condition			

CONTROL PANEL	OK	N/A	COMMENT
AC Power (123.1 ) VAC	$\boxtimes$		
Panel 24 V Power Supply ( 2	25.9 )	VDC _	
Battery Charging Voltage ( _2	27.3	VDC	
Battery Load Test	$\boxtimes$		
Batt 1:80% Batt 2:80%	Dat	ed: <u>5/17</u>	Size: <u>26</u> AH
Lamp Test	$\boxtimes$		
Fuses/Wiring	$\boxtimes$		
Alarm Tests	$\boxtimes$		
Supervisory Tests		$\boxtimes$	
Trouble Tests (Ground/Open)	$\boxtimes$		
Dip Switch Settings	$\boxtimes$		
System Program		$\boxtimes$	
Sequence of Operation	$\boxtimes$		
System Time Delays:		$\boxtimes$	
Printers		$\boxtimes$	
Modem Control		$\boxtimes$	
Equipment Condition	$\boxtimes$		
Serial Number			

INTERLOCKS	OK	N/A	COMMENT
Air Conditioners		$\boxtimes$	
Air Handlers/Heaters		$\boxtimes$	
Process Interlock	$\boxtimes$		
Fuel Shutoff		$\boxtimes$	
Computer Shutdown		$\boxtimes$	
EPO Switches		$\boxtimes$	
Door Closers		$\boxtimes$	
Door Strikes		$\boxtimes$	
Dampers		$\boxtimes$	
Other: Exit gates open	$\boxtimes$		

### **IMPORTANT**

See comments section on page 3 for notes pertaining to those items containing a number in the comment box. A number in this box Indicates a possible problem or a situation in which a particular device or function was not tested due to inaccessibility or the potential for business interruption. Starfire Systems, Inc. assumes no liability for those items identified.



9825 South 54th Street | Franklin, WI 53132 Phone: (414) 448-0100 | Fax: (414) 448-0101

OWNER:	Citgo Petroleum
PROTECT	TED AREA: Loading Racks
TEST DA	<b>F</b> : 6-29-20

REMOTE MONITOR	OK	N/A	COMMENT
Alarm	$\boxtimes$		4
Supervisory		$\boxtimes$	
Trouble	$\boxtimes$		4
Pre-Release		$\boxtimes$	
Release		$\boxtimes$	
Agency: Control Room			
Building Fire Alarm:			
Other:			

<b>IESI DATE</b> : 6-29-20							
DETECTION DEVICES							
DEVICE TESTED	OK	QTY.	COMMENT	DEVICE TESTED	OK	QTY.	COMMENT
Photoelectric Smoke Detector	s 🗌			Spark Detectors			
Ionization Smoke Detectors				Beam Smoke Detectors			
Heat Detectors, Temp: 225'f	$\square$	30		Combustible Gas Detectors			
Flame - UV/IR	$\boxtimes$	6	5	Incipient Fire Detectors			
Duct Smoke Detectors				Water Leak Detectors			
See addressable panel test his	story (f	ilename): N	IA				
Was sensitivity test performed	on sm	oke detector	rs NA	Last known date of smoke det	ector sens	itivity test _	NA

LINEAR HEAT DETECTION								
ZONE NO.	PROTECTED AREA	TEMP	TEST METHOD	RESISTANCE	LENGTH			
NA								

FIRE EXTINGUISHING CYLINDER RECORD									
SERIAL NO.	GROSS	NET	TARE	PSI	TEMP	LLI	HYDRO	ACT. DATE	LOCATION
NA									
									D405 005 0

PAGE 2 OF 3



Phone: (414) 448-0100 | Fax: (414) 448-0101

OWNER:	Citgo Petroleum
PROTECT	TED AREA: Loading Racks

SERVICE / CHECKOUT LIST	OK	N/A	COMMENT
System(s) Armed	$\boxtimes$		
Control Interlocks Rearmed	$\boxtimes$		
System(s) Status Normal	$\boxtimes$		
Customer Training	$\boxtimes$		
Authorities Notified	$\boxtimes$		
Monitoring Systems Armed	$\boxtimes$		
Building Systems Armed	$\boxtimes$		
Solenoids/Cylinders Connected	$\boxtimes$		
Warning Signs In Place			

SEDVICE NOTES.	DESCRIBE SPECIAL	DISARMING PROCEDUR
SERVICE NUTES.	DESCRIBE SPECIAL	. DISAKIVIING PROCEDURI

Disable the Zone releases and relay modules until allowed to test the shutdowns and trip test the valves. Make sure the foam valve is closed for all the testing. Citgo will shutoff the ESD switch to prevent shutdowns.

### **SYSTEM COMMENTS:**

**TEST DATE:** 6-29-20

- 1. The mechanical portion of the inspection was done by USAFP-WI. See the sprinkler system test repor for details.
- 2. The valve tampers are not monitored, but they are sealed to indicate if they are operated, and there are no waterflow devices. The pumphouse is normally locked.
- 3. The bell at the control room office is the general trouble bell and is silencable at the FACP. The bell outside the Foam house is a low temperature sensor alert and is not silencable.
- 4. There is no 24 hour remote monitor of the fire system. The trouble and alarm signals are monitored at the control building and a dialer calls the site cell phones.
- 5. The rack UV/IR zone was in trouble upon arrival. The cleaning of the lenses cleared the trouble this time and the device is not even blinking.

STARFIRE SYSTEMS, INC TECHNICIAN:  ERIK HAWTREY  SIGNATURE:	FIRE DEPARTMENT:  FIRE INSPECTOR:  SIGNATURE:			
CUSTOMER OR OWNER: Citgo Petroleum	INSURANCE COMPANY:			
CUSTOMER OR OWNER REP: DON EICHENBERGER	REPRESENTATIVE:			
SIGNATURE:	SIGNATURE:			
PORY TO SUSTAMED WAS A NO (COMMENT)				
COPY TO CUSTOMER: YES NO (COMMENT):				

UNI	TED STATES ALLIANCE FIRE PROTECTION, INC.	WHITE - Origin
Insne	T 1 OF 2 - Use separate sheet for each building inspection.  REPORT OF INSPECTION	YELLOW - Office Cop
Conic	erred with	Inspection Contract No.
		DATE 6/74/7020
A.	Explain any occupancy hazard changes since the previous inspection.	
В.	Describe fire protection modifications made since last inspection.	
D.	When was the system pining last short 16	
E.	When was the system piping last checked for stoppage, corrosion or forei When was the dry-piping system last checked for proper pitch? Are dry valves adequately protected from freezing?	ign material?
	Are dry valves adequately protected from freezing?  Signature  Title	ZIR.
	TILLE	Data
	eneral NA = NO	T APPLICABLE
D.	Is the building occupied?  Yes No Are all systems in service? Yes No	
C.	is there a minimum of 18 in (457 mm) classes.	age and the sprinkler deflectore?
e.	Does the hand hose on the sprinkler system(s) appear to be esticled.	NA NA
2. Co	ontrol Valves (See Item 15.)	y!   Yes   No   NA
b.	Are all sprinkler system control valves and all other valves in the approach Are all control valves in the open position locked, sealed or equipped valves Supplies (See Item 16.)	opriate open or closed position? Yes No
3. Wa	ater Supplies (See Item 16.)	Yes No
4. Tar	Was a water flow test of main drain made at the sprinkler riser(s)? Youngs, Fire Department Connections	es No
b.	Are fire pumps, gravity tanks, reservoirs and pressure tanks in good condition. Are fire department connections in satisfactory condition, couplings free, caps in Are they accessible and visible? Yes No. 7 NA.	and properly maintained?  Yes No NA place, and check valves tight? Yes No NA
a	Are cold weather valves (O.S. & V.) in the second second	
c. d. I	Are cold weather valves (O.S. & Y.) in the appropriate open or closed place antifreeze system solutions been tested? Yes No NA Were the antifreeze test results satisfactory? Yes No NA In areas protected by wet system(s), does the building appear to be properly heate where accessible? Yes No NA Do all exterior openings appear to be	
o. Dry	where accessible?  Yes No NA Do all exterior openings appear to be properly heate Systems (See Items 11 to 13.)  Are dry valve(s) in service? Yes No NA	e protected against freezing?  Yes No NA
	City the all pressures and priming water land	Ufacturer's instructions?
e. I	Did quick-opening devices operate satisfactorily? Yes No NA	NA Are they in service? Yes No NA
	Did the heating equipment in the dry-pipe valve room(s) operate at the cial Systems (See Item 14.)	time of inspection? Tyes TNo TNA
a. [	Did the deluge or pre-action values are to	
c. E	Did the heat-responsive devices operate properly during testing?  Yes identification yes the supervisory devices operate during testing?  Yes No	No NA
8. Alar	ms Print during testing:   Tes   No   N	IA
b. E	Did water motor(s) and gong(s) test satisfactorily?  Yes  No NA Did electric alarm(s) test satisfactorily? Yes No NA Did supervisory alarm service test satisfactorily? Yes No NA	
c. A d. Is	are all sprinklers free from corrosion, loading or obstruction to spray discure sprinklers less than 50 years old? (Older sprinklers require sample tesure quick response and residential sprinklers less than 20 years old? (Older sprinklers apprinklers available?   Yes No	prinklers require sample testing) \(\simeg\) Yes \(\simeg\) No
	does the exterior condition of sprinkler system appear to be satisfactory? [ re sprinklers of proper temperature ratings for their locations?  Yes	I NIO
10. Expl	ain any "No" answers and comments:	
	the second secon	
Signa	arure: Dat	(balan
	Dat	re:

# UNITED STATES ALLIANCE FIRE PROTECTION, INC.

WHITE - Original YELLOW - Office Copy

SHEET 2 OF 2 - Use separate sheet for each system inspection. System No. or Description if multiple systems\_ Inspection Report No. 11. Date dry-pipe valve trip tested (control valve partially open) \_ (See Trip Test Table which follows.) 11. Date dry-pipe valve trip tested (control valve partially open) \_\_\_\_\_\_ (See Trip Test Table which follows.)

12. Date dry-pipe valve trip tested (control valve fully open) \_\_\_\_\_\_ (See Trip Test Table which follows.) 13. Date quick-opening device tested \_\_\_\_\_\_ (See Trip Test Table which follows.) TRIP TEST TABLE DRY VALVE MAKE MODEL SERIAL NO. MODEL SERIAL NO. DRY PIPE Trip Point Time Water Reached Alarm Operated Time to Trip Water OPERATING Thru Test Pipe Air Pressure Test Outlet Properly MIN. SEC. PSI PSI MIN. SEC NO PSI TEST Without Q.O.D. With Q.O.D. 14. Date deluge or preaction valve tested (See Trip Test Table which follows.) TRIP TEST TABLE - HYDRAULIC Operation PNEUMATIC ELECTRIC Piping Supervised ☐ YES ON D Detecting media supervised E YES □ NO DELUGE & Does valve operate from the manual trip and/or remote control stations DYES DNO PREACTION Is there an accessible facility in each circuit for testing Method of testing circuits VALVES DYES DNO Does each circuit operate Does each circuit Maximum time to MODEL supervision loss alarm operate valve release operate release MAKE NO YES NO YES 15. See Control Valve Maintenance Table. Control Valve Maintenance Table Explain Abnormal Secured Control Valves Number Open Closed Signs Condition Type City Connection Control Valve Tank Control Valves Pump Control Valves Sectional Control Valves System Control Valves Other Control Valves 16. Water Flow Test at Sprinkler Riser Water Supply Source: City Tank Pump Date Test Pipe Size of Static Residual Pressure (Flow) Location **Test Pipe** Pressure Last Water Flow Test This Water Flow Test 17. Explain any "No" answers and comments: . 18. Adjustments or corrections made during this inspection: 19. Although these comments are not the result of an engineering review, the following desirable improvements are recommended: 20. Was the system or systems placed in service upon conclusion of inspection? \_\_\_\_Yes \_\_\_\_No 21. Was system or systems sealed upon completion? \_\_\_\_No \_\_\_Yes Seal #\_\_\_\_ Date

Date

19. Although these comments are not the result of an engineering review, the following desirable improvements are recommended:

20. Was the system or systems placed in service upon conclusion of inspection? \_\_\_\_\_No

RAADICONI

21. Was system or systems sealed upon completion? \_\_\_\_No \_\_\_Yes Seal #\_

# FIELD INSPECTION RECORD

CUSTOMER/LOCATION: 1:490 tetroleum		FILE NO.:
DATE: 6-29-20	ESTED BY:	
FOAM CONCENTRATE TYPE / LOT NO .: Nothing	1. versal 1%-3% f	1R-AFFF
METER TYPE: CONDUCTIVITY: REFRA		
CALIBRATION STANDARDS	METE	R READING
FOAM CONCENTRATE		3
WATER		
PRE-MIX #1		40.00
PRE-MIX #2 —		
PRE-MIX #3 —		
CALI	SKATION CURVE	
	<del>                                      </del>	
Z		
SPLUTION		
5 <del></del>		
S HILL HAR TO THE REST OF THE		
FOAM		
Ö		
PERCI		
α		
ME	TER READING	<del></del>
V)		
Tank APProx 98% Fu		
SYSTEM DISCHARGE SAMPLE	METER READING	PERCENT FOAM SOLUTION
No + low Samples		
Sent to Cab for testing	·	••
1		



Signature:

License/Certification No.:\_

# United States Alliance Fire Protection, Inc.

A Subsidiary of APi Group, Inc. -Full Service Fire Protection-Contractor-

Automatic Sprinkler Systems: Inspection Testing and Maintenance of Fire Sprinkler Systems NFPA Five Year Inspection Report Property Name: C.tas Tetraleum Property Address: 97.35 A. 107th 54 City, State: Milwayles Inspector: \_\_ Contract No.: Date: Comments: Initial Examination Date: Check Valves (per current NFPA 25 Edition) 5 Year Investigation (per current NFPA 25 Edition) Appear to Operate & Description of Size and Type Make, Model Satisfactory Location Systems **Function properly** Ames, 1000 1. 4" Deloge 🛕 Yes 🔲 No Yes Ethanoi ] No Raliable, Mode X Yes Yes No No Keliable, DG 3. Yes No Yes No Nace Yes Yes 4. ] Yes No Nibes No ☐ Yes No ☐ Yes No ☐ Yes □ No 6. Yes ] No Were there repairs performed on the valve: ☐ Yes 🔀 No Number of Branch Lines Examined: Number of Mains Examined: Other Points Examined (Describe): Results of Initial Examination: Date next Five-year inspection due: 1. The interior of the sprinkler piping is in satisfactory condition. Month: Ochor Year:\_ 2. The sprinkler system(s) are in need of internal flushing. Some of the pipes were found to be partially full OR blocked completely. Specify nature of internal stoppage, i.e. pipe scale, silt, mud, etc. Number of Gauges used: 4 - 120 Comments: FDC hydrostatically test at 150 PSI for two hours (per current NFPA 25 Edition) ☐ No Yes No Roplaced Ball drip author Cooding With drain ter

FIRE DETECTION AND/OR	SUPPRESSION TEST REPORT					
	FIELD DEVICE TESTS OK N/A COMMENT					
CertaSite	Audible Alarm Devices					
	Visual Alarm Devices					
9825 South 54th Street						
Franklin, Wisconsin 53132	Remote Annunciators					
Phone: (414) 448-0100	Visual Trouble Devices					
Fax: (414) 448-0101						
	Pressure Switches					
OWNER: Citco Petrolsum	Electric Release Stations					
ADDRESS: 9235 North 107th Street	Aux. Control Lockouts					
CITY: Milwaukee STATE: Wi	Remote/Aux. Relays					
ZIP CODE: 53224 JOB NO. 21825139						
CONTACT:	Main/Reserve Switches □ ☑ □ □ Initiator/Solenoid Devices ☑ □ □					
PHONE(S): (414) 791-7646	Addressable Devices.					
LOCATION: Citgo Petroleum (USAFP-WI)	System Alterations					
PHONE(S): (262) 782-3311	Equipment Condition					
TEST DATE: 8/3/21 CHECKOUT ☐ INSPECTION ☐						
	CONTROL PANEL TESTS OK N/A COMMENT					
PROTECTED AREA: Loading Recks	CONTROL PANEL TESTS OK N/A COMMENT AC Power ( 120.1 ) VAC					
SYSTEM TYPE(S): Foam/Deluge	Panel 24 V Power Supply (26.1 ) VDC					
MANUFACTURER(S): FCI	Battery Load Test   2					
CONTROL PANEL(S): FC-72	60% Percentage 26ah Size 5/17 Date					
MECHANICAL SECTION OK N/A COMMENT						
Agent Containers Secure	Fuses/Wiring					
Agent Piping Secure	Alarm Tests					
Pipe Gauge and Size	Supervisory Tests					
Nozzles Installed						
Deluge Valves	Dip Switch Settings					
Pre-Action Valves	System Program  Sequence of Operation					
Solenoid/Pilot Actuators	System Time Delays:					
Pilot Controls	Printers					
Waterflow Switches						
Tamper Switches	Modem Control					
Selector Valves	Equipment Condition					
Pneumatic Release						
Gauges/Hoses etc.	INTERLOCKS OK N/A COMMENT					
System Alterations	Air Conditioners					
Room Sealed Properly	Air Handlers/Heaters					
Equipment Condition	Process Interlock					
Valves Trip Tested	Fuel Shutoff					
Low Air Switches Adjusted	Computer Shutdown					
Normal Air Alarm Point Trip	EPO Switches					
WHEN THE REAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PART	Door Closers					
FOAM SYSTEM TESTING REPORT ATTACHED N/A	Door Strikes					
Foam Test	Dampers					
	Other: Gates					
IMPORTANT						
See comments section on page 3 for notes pertaining to those item	s containing a number in the comment box. A number in this box					
See comments section on page 3 for notes pertaining to those item Indicates a possible problem or a situation in which a particular dev	s containing a number in the comment box. A number in this box ice or function was not tested due to inaccessibility or the potential					
See comments section on page 3 for notes pertaining to those item	s containing a number in the comment box. A number in this box ice or function was not tested due to inaccessibility or the potential					

OWNER: Cito PROTECTED TEST DATE:	9825 Sou Franklin, Phone: (4 Fax: (414 co Petroleum AREA: Los 8/3/21		treet n 53132 )100			Alarm Superviso Trouble Pre-Relea Release Agency:	ase	R		N/A	COMMENT  3  3
DETECTION DEVICES  DEVICE TESTED OK QTY. COMMENT  Photoelectric Smoke Detectors				Combust Incipient Water Le	etectors noke Dete ible Gas D Fire Detect ak Detect	ctors etectors		QTY.	COMMENT		
LINEAR HEA ZONE NO. N/A		ON	AREA		TEMP	TEST ME	THOD	RESIST	ANCE		LENGTH
FIRE EXTING SERIAL NO. N/A	UISHING C GROSS	YLINDER NET	TARE	PSI	TEMP		HYDRO	D ACT. D	DATE	LO	PAGE 2 OF 3

			 -
9825 South 54th Street Franklin, Wisconsin 53132 Phone: (414) 448-0100 Fax: (414) 448-0101  OWNER: Citco Petroleum PROTECTED AREA: Loading racks	SERVICE / CHECKOUT LIST  System(s) Armed  Control Interlocks Rearmed  System(s) Status Normal  Customer Training  Authorities Notified  Monitoring Systems Armed  Building Systems Armed  Solenoids/Cylinders Connected  Warning Signs In Place	<u> </u>	COMMENT
TEST DATE: 8/3/21			
SERVICE NOTES: DESCRIBE SPECIAL DISARMING PROCE			
SYSTEM COMMENTS:			 
1.). Sprinkler system done by USAFP sprinkler te	st report for details		
a .			
2.). Batteries due for replacement			
3.). Monitored only to the office no off site monitor	ring		
CERTASITE TECHNICIAN: Ryan Andreshak, Trevon Shambley, Chad VanderHyden SIGNATURE:	FIRE DEPARTMENT:  FIRE INSPECTOR:  SIGNATURE:		
CUSTOMER OR OWNER:	INSURANCE COMPANY:	-	

REPRESENTATIVE:

PAGE 3 OF 3

SIGNATURE:

CUSTOMER OR OWNER REP:

COPY TO CUSTOMER: YES NO (COMMENT):

SIGNATURE:

	OF 2 - Use separate sheet for each building inspection.	YELLOW - Office Cop
I	REPORT	OF INSPECTION Inspection Contract No.
Conferr	ed With	Inspection Contract No  Bureau File No
REPORT	TTO Carrier Tetraleum	BUILDING OR LOCATION
STREET	9235 N. 167+ St.	INSPECTOR WEAK
CITY &	STATE MUNICIPAL LAW	DATE 203/763
-	s Section (To be answered by Owner or Occupant)	DATE
A. I	Explain any occupancy hazard changes since the previous	us inspection.
		spection. 6 - 6 mast
1		
C. I	Describe any fires since last inspection.	
D. 1	When was the system piping last checked for stoppage	corrosion or foreign material?
E. \ F.	When was the dry-piping system last checked for prope Are dry valves adequately protected from freezing?	er pitch?
5	Signature Ti	tle Date
Inspecto	or's Section (All responses reference current inspection	on) NA = NOT APPLICABLE
1. Gen	peral	
b. A	Is the building occupied?  Yes No  Are all systems in service? Yes No	
c. I	s there a minimum of 18 in. (457 mm) clearance between	the top of the storage and the sprinkler deflectors?   Yes No
а. I е. I	Does all electrical heat tape appear to be satisfactory? [ Does the hand hose on the sprinkler system(s) appea	」Yes □ No □ NA r to be satisfactory? □ Yes □ No □ NA
2. Con	trol Valves (See Item 15.)	
a: / b. /	Are all sprinkler system control valves and all other valves are all control valves in the open position locked, see	valves in the appropriate open or closed position?   Yes No led or equipped with a tamper switch?   Yes No
3. Wat	er Supplies (See Item 16.)	
	Was a water flow test of main drain made at the spri ks, Pumps, Fire Department Connections	nkler riser(s)? [ Yes No
a. /	Are fire pumps, gravity tanks, reservoirs and pressure tank	ks in good condition and properly maintained?  Yes No NA
1	Are they accessible and visible? The Yes No No	ouplings free, caps in place, and check valves tight?   Yes No NA
	: Systems Are cold weather valves (O.S. & Y.) in the approprial	te open or closed position? TYes No NA
b. 1	Have antifreeze system solutions been tested? \(\) Yes Were the antifreeze test results satisfactory? \(\) Yes \([\)	□ No □ NA
d. I	n areas protected by wet system(s), does the building appear	to be properly heated in all areas, including blind attics and perimeter area
\ 	where accessible? Yes No NA Do all exterior o	penings appear to be protected against freezing?   Yes   No   NA
a. /	Systems (See Items 11 to 13.)  Are dry valve(s) in service? Yes No NA	
b. /	Are the air pressures and priming water levels in accord	lance with the manufacturer's instructions?  Yes No NA Are they in service? Yes No NA
d. I	Were low points drained during this inspection? TY	es No NA
e. I	Did quick-opening devices operate satisfactorily? To You the dry valve(s) trip properly during the trip pre-	es ∐ No ∭ NA ssure test? ☐ Yes ☐ No ☐ NA
g. I	Did the heating equipment in the dry-pipe valve roor	n(s) operate at the time of inspection? Yes No NA
	cial Systems (See Item 14.)  Did the deluge or pre-action valves operate properly	during testing? Tyes TNo TNA
b. I	Did the heat-responsive devices operate properly during the supervisory devices operate during testing?	ing testing? Tyes TNo TNA
8. Alar		Y. CIN EN
b. I	Did water motor(s) and gong(s) test satisfactorily?   Did electric alarm(s) test satisfactorily?   No  No  No  No  No  No  No  No  No  N	□ NA
9. Spri	nklers	
a. A	Are all sprinklers free from corrosion, loading or obstr Are sprinklers less than 50 years old? (Older sprinkler	ruction to spray discharge?  Yes No
c. <i>F</i>	Are quick response and residential sprinklers less than 2	10 years old? (Older sprinklers require sample testing) \( \subseteq \text{Yes} \) \( \subseteq \text{No} \)
d. I	s stock of spare sprinklers available? The No Does the exterior condition of sprinkler system appear	
f. A	Are sprinklers of proper temperature ratings for their	locations?  Yes No
<b>10.</b> Exp	lain any "No" answers and comments:	zzir deloge, stichemic
	11111	O harles

# UNITED STATES ALLIANCE FIRE PROTECTION, INC.

SHEET 2 OF 2 - Use separate sheet for each system inspection. System No. or Description if multiple systems 👤 Inspection Report No. Date dry-pipe valve trip tested (control valve partially open) \_\_\_\_\_\_ (See Trip Test Table which follows.)
 Date dry-pipe valve trip tested (control valve fully open) \_\_\_\_\_\_ (See Trip Test Table which follows.) \_ (See Trip Test Table which follows.) 13. Date quick-opening device tested \_ TRIP TEST TABLE DRY VALVE MAKE MODEL SERIAL NO. MAKE MODEL SERIAL NO. DRY PIPE Time to Trip Water Air Trip Point Time Water Reached Alarm Operated Thru Test Pipe Pressure **OPERATING** Pressure Air Pressure Test Outlet Properly TEST MIN. SEC. PSI PSI PSI MIN. SEC NO Without Q.O.D. With Q.O.D 14. Date deluge or preaction valve tested \_ (See Trip Test Table which follows.) TRIP TEST TABLE HYDRAULIC PNEUMATIC ELECTRIC Piping Supervised □ YES □ NO **DYES** □NO Detecting media supervised DELUGE & Does valve operate from the manual trip and/or remote control stations - YES DNO PREACTION is there an accessible facility in each circuit for testing Method of testing-circuits VALVES O YES □ NO Does each circuit operate Does each circuit Maximum time to MAKE MODEL operate release supervision loss alarm operate valve release YES NO YES NO 15. See Control Valve Maintenance Table. Control Valve Maintenance Table Explain Abnormal Control Valves Condition Number Type Open Secured Closed Signs City Connection Control Valve Tank Control Valves Pump Control Valves Sectional Control Valves System Control Valves Other Control Valves 16. Water Flow Test at Sprinkler Riser City Water Supply Source: Tank Pump Size of Static Date **Test Pipe** Residual Test Pipe Pressure Location (Flow) Pressure Last Water Flow Test This Water Flow Test 17. Explain any "No" answers and comments: 18. Adjustments or corrections made during this inspection: 19. Although these comments are not the result of an engineering review, the following desirable improvements are recommended: 20. Was the system or systems placed in service upon conclusion of inspection? Yes No 21. Was system or systems sealed upon completion? \_\_\_\_No \_\_\_Yes Seal #\_\_\_\_\_ Date

SHEET 2 OF 2 - Use separate sheet for each system inspection. System No. or Description if multiple systems \_ Inspection Report No. 11. Date dry-pipe valve trip tested (control valve partially open) \_\_\_\_\_\_ (See Trip Test Table which follows.)

12. Date dry-pipe valve trip tested (control valve fully open) (See Trip Test Table which follows.) 12. Date dry-pipe valve trip tested (control valve fully open) \_ \_ (See Trip Test Table which follows.) 13. Date quick-opening device tested \_\_\_ (See Trip Test Table which follows.) TRIP TEST TABLE DRY VALVE MAKE MAKE MODEL SERIAL NO. MODEL SERIAL NO. DRY PIPE Time to Trip Water Trip Paint ime Water Reached Alarm Operated Thru Test Pipe OPERATING Pressure Pressure Air Pressure Test Outlet Properly TEST MIN. SEC. PSI PSI PSI MIN. SEC YES NO Withou Q.O.D. With Q.O.D. 14. Date deluge or preaction valve tested (See Trip Test Table which follows.) TRIP TEST TABLE - PNEUMATIC ELECTRIC - HYDRAULIC Operation Piping Supervised ☐ YES O NO Detecting media supervised U YES DNO DELUGE & Does valve operate from the manual trip and/or remote control stations ☐ YES DNO PREACTION Is there an accessible facility in each circuit for testing Method of testing-circuits VALVES O'YES □ NO Does each circuit operate Does each circuit Maximum time to yes NO operate release MAKE MODEL operate valve release YES. NO 15. See Control Valve Maintenance Table. Control Valve Maintenance Table Explain Abnormal Control Valves Number Type Open Secured Closed Signs Condition City Connection Control Valve Tank Control Valves Pump Control Valves Sectional Control Valves System Control Valves Other Control Valves 16. Water Flow Test at Sprinkler Riser Water Supply Source: Tank Pump Date Test Pipe Size of Static Residual Location **Test Pipe** Pressure (Flow) Pressure Last Water Flow Test This Water Flow Test 17. Explain any "No" answers and comments: 18. Adjustments or corrections made during this inspection: 19. Although these comments are not the result of an engineering review, the following desirable improvements are recommended: 20. Was the system or systems placed in service upon conclusion of inspection? \_\_\_\_Yes \_\_\_\_No 21. Was system or systems sealed upon completion? \_\_\_\_No\_\_\_Yes Seal#\_\_\_\_\_ Date