CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR





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Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job.

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PROPERTY NAM	Ę		•							ATE			
		BUTL	ER S	CHOOL	APT						9-18-	15	
PROPERTY ADD	7	PIN	1E 5	T. Pa	RTLA	44	M	5					
PLANS	ACCEPTED BY APPROVING AUTHORITY ('S) NAMES MAINE STATE FIRE MARSHAL AUGUSTA, ME												
	INSTALLATION CONFORMS TO ACCEPTED PLANS EQUIPMENT USED IS APPROVED IF NO, EXPLAIN DEVIATIONS											YES NO	
	HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND CARE AND MAINTENANCE OF THIS NEW EQUIPMENT IF NO. EXPLAIN												
INSTRUCTIONS	HAVE CO AND NFI IF NO, E	PA 13A BE	APPROPRIA EN LEFT O	ATE INSTRUÇ N PREMISES	TIONS A	ND CARE	AND M	AINTENANCE C	HARTS		YES	Пио	
LOCATION OF SYSTEM	SUPPLIE	S BLDGS.	LOWER	LEVE	1	红/	2ND	/3rd	WE	T 3	YSTE	~	
SPRINKLERS	MAKE.				YEAR	TURE	ORIFICE SIZE	QUAN	TITY		TING		
	RELIABLE REC			HORZ SIDGARAL PENDENT		201	5	7/16	4	42		500	
	RELIABLE FIFR			HORZ SIDTHALL		201		12-	12		200		
PIPE AND FITTINGS		NFORMS T S CONFOI XPLAIN		AB IFAB	STANDA				Ni.		YES	□ NO	
ALARM		TV05		LARM DEVIC				MAXIMUM TI		RATE THE		TPIPE	
VALVE OR FLOW INDICATOR	OF	Law	SW.	Par		R- (, MI		WX -		24		
IIIDIGATOR		MAKE		VALVE MODEL	SERI	AL NO.		MAKE	0.0.D.	ODEL	SERIA	NO.	
		W. Alexandria		MODEL			259					ALARM	
BBV 0155		TIME TO TRIP THRU TEST PIPE		WATER PRESSURE		AIR PRESSU	RE	TRIP POINT	REAC TEST O	TIME WATER REACHED TEST OUTLET		TÉD RLY	
DRY PIPE OPERATING TEST	Without Q.O.D.	MIN.	SEC.	PSI		PS1		PSI	MIN.	SEC.	YES	NO	
	With Q.O.D.												
Ή.	IF NO, EX	CPLAIN										OVER)	

	OPERATION		PNEUM	ATIC	ELE	CTRIC		HYD	RAULI	С				
	PIPING SUPERVIS	ED	YES				DETECT	TING ME	DIA SI	JPERVIS	ED	YES	□NO	
	DOES VALVE OPE	RATEFRO	W THE MAN	JAL TRIP	AND/O	REMO	TÉ CON	NTROL S	TATIO	ন্ত		YES	□ NO	
DELUGE & PREACTION	IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING IF NO, EXPLAIN													
VALVES				BOES E	DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM				DOES EACHTCIACLUT			MAXIMUM	TIME TO	
	MAKE		MODEL SUPERVISION LO		NO NO		OPERA YE	TE VAL	VE RELE		MIN.	SEC.		
						140			-3	140		IVIIIV.	3601	
	HYDROSTATIC: I	Hydrostatic (ests shall be rr	l nade at no	t less thai	n 200 nsi	/13.6 b	ars) for t	wn hou	rs or 50 n	si /3 4 ha	rs) above et	atic	
TEST DESCRIPTION	pressure in excess o All aboveground pip FLUSHING: Flow hydrants and blow- 750 GPM (2839 L/r GPM (7570 L/min) PNEUMATIC Estai pressure tanks at no	of 150 psi (10 ping leakage: the required offs. Flush a min) for 6-in for 12-inch (blish 40 psi (prmal water le	22 bars) for twishall be stopped to the until water to flow the control of the co	vo hours. ed. er is clear is than 40 GPM (378 pply cann ressure an essure and	Different as indica 0 GPM (1 35 L/min) ot produ d measure I measure	ted by no 514 L/mi for 8-ind ce stipula e drop what air pressi	pe valve collect in) for 4 th pipe, ted flow nich sha ire drop	e clappers on of fo 4 inch pir 1500 GF w rates, o all not exi p which s	reign moe, 600 PM (567 btain moeed 1-3 hall not	e left ope aterial in GPM (22 8 L/min) aximum 6 psi (0.1 exceed 1	n during to burlap back 71 L/min) for 10-ind available bars) in 2 -½ psi (0	est to previous at outlet for 5-inch the pipe and	s such as pipe, 2000	
	ALL PIPING HYDR	ROSTATICA	LLY TESTED	AT 20	PSI PSI	FOR 🗲	<u> </u>	IRS. IF	NO, 51	ATE RE	ASON			
	DRY PIPING PNEU	MATICALL	Y TESTED	- 1	YES	□ NO	77.5%	2.5	300	1.00				
	EQUIPMENT OPER				YES		100	20	101	32 30				
TESTS	DRAIN READING O		SO	WATER SL		ST PIPE:	RESID		ESSURE 15	WITH VA		IN TEST PIPE OPEN WIDE		
12010	Underground	d mains and	lead in con	nections	to syste	m risers	flushed	d before	conne	ection m			pina.	
	VERIFIED BY COP				YES	comm.	Leven				PLAIN	<u> </u>	,g	
	FLUSHED BY INST			72.70	137		A	II Und	LA 440	e in	stalled	, tested	d	
	GROUND SPRINKI	1.334			YES	ONO	A Da	sheel				,		
BLANK TESTING	NUMBER USED L						1 / 14	U 3 MACA	4	-42.3		NUMBER	REMOVED	
GASKETS												311.52		
	WELDED PIPING YES NO													
	DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3										□ NO			
WELDING	DO YOU CERTIFY THAT THE WELDING WAS PERFORMED BY WELDERS QUALIFIED IN COMPLIANCE WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR 3										YES	□ NO		
1-00	DO YOU CERTIFY THAT WELDING WAS CARRIED OUT IN COMPLIANCE WITH A													
	DOCUMENTED QUALITY CONTROL PROCEDURE TO INSURE THAT ALL DISCS ARE													
	RETRIEVED, THAT OPENINGS IN PIPING ARE SMOOTH, THAT SLAG AND OTHER WELDING RESIDUE ARE REMOVED, AND THAT THE INTERNAL DIAMETERS OF													
	PIPING ARE NOT	PENETRAT		4.55		4	AMET	ERS OF				YES	NO	
DATA NAMEPLATE	NAMEPLATE PRO	YES	Пио	IF NO. E	EXPLAIN	7.1	M.							
	DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN:													
REMARKS	12-9-15													
	*													
	NAME OF SPRINK			•	0-									
		MSTE	KN F	IRE	IR									
						WITNES	SSED B	Y						
SIGNATURES	FOR PROPERTY O	IWNER (SIG	NED)	- 4.Da	.•.i	TITLE	+ in	er	. 8	10		91211	15	
()	FOR SPRINKLER	CONTRACT	OR (SIGNED)		TITLE					DA	TE		
4	Trage!	Henr	11/			<u> </u>				<u> </u>		1/2/1	15	
ADDITIONAL EX	CPLANATION AND	NOTES												

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR





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PROCEDURE

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PROPERTY NAM	E		•				DATE					
		UTZ	te :	SCHOOL	APT			9-18-	15			
PROPERTY ADD		7 F	SNE	/	2	ME						
	IACCE DT	ED BY A	PROVING	ALITHOPIE VIEWN	DRIZAHD							
	ACCEPTED BY APPROVING AUTHORITY ('S) NAMES MAY HE STATE FIRE MARSHAL											
PLANS	A											
	INSTAL	YE	=									
	IF NO, E	XPLAIN	DEVIATION	S				TX YE	s []NO			
= 20 H/4 =	30 (III A)	alle	I	(1)								
	OF CON	TROL VA	LVES AND	CARE AND MAINT	T BEEN INSTRUCT FENANCE OF THIS	NEW EQUIPMENT	DN	YES	S MO			
							15					
INSTRUCTIONS	HAVE C	OPIES OF	APPROPRIA	ATE INSTRUCTION	NS AND CARE AND	MAINTENANCE C	HARTS	YES	YES NO			
	IF NO, E	XPLAIN	EEN LEFT C	N PREMISES					L.T. ST			
LOCATION OF SYSTEM	SUPPLIE	S BLDG5	ATT	70 · 1	SRY SYS	STEM						
		MAK	E	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY		RATURE TING			
SPRINKLERS	RECIABLE FIFR			UPRIGHT	2015	1/2"	169	2	<i>00</i>			
							+*					
				<u>.</u>			-4					
PIPE AND FITTINGS	Į.	NFORMS S CONFO XPLAIN	\rightarrow		NDARD NDARD	•••		YES	NO NO			
	-	THROUGH TE	ST PIPE									
ALARM VALVE	TYPE MAKE MODEL MIN.							SEC.				
OR FLOW INDICATOR												
1	LIL SE		DBY	VALVE			0.0.D.					
- 16		MAKI			ERIAL NO.	MAKE	MODE	L SERIA	L NO.			
1	TY	.0	DPV	-1	==			1				
LOCATION OF SYSTEM SPRINKLERS PIPE AND FITTINGS ALARM VALVE OR FLOW INDICATOR ORY PIPE OPERATING TEST		TIME	TO TRIP	WATER PRESSURE	AIR PRESSURE	TRIP POINT AIR PRESSURE	TIME WATE REACHED TEST OUT LE	OPER/	ATED			
		MIN.	SEC.	PSI	PSI	PSI	MIN. SE		NO			
	Without Q.O.D.	1.	25	25	41	9	14	0 X_				
	With Q.O.D.			·								
	IF NO, EX	CPLAIN	<u> </u>				·	-				

	OPERATION	PNEUM	ATIC EL	ECTRIC	Пн	YDRAULI	С					
	PIPING SUPERVISED	YES	□ NC	C	ETECTING	MEDIA SI	JPERVISED	TYES				
	DOES VALVE OPERA	TE FROM THE MAN	TAL TRIP AND	OR REMOT	E CONTRO	L STATIO	N5	YES				
DELUGE &	IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING IF NO, EXPLAIN											
PREACTION VALVES		YES NO										
VALVEO			DOES EACH CI	COUIT OPER	ATE DO	E DOES EACH CIRCUIT OPERATE VALVE RELEASE			IM TIME TO E RELEASE			
	MAKE	MODEL	YES	NO	\longrightarrow	YE5	NO	MIN,	SEC.			
TEST DESCRIPTION	HYDROSTATIC. Hyd pressure in excess of 15 All aboveground piping FLUSHING: Flow the hydrants and blow-offs 750 GPM (2839 L/min) GPM (7570 L/min) for PNEUMATIC: Establish pressure tanks at norma	io psi (10.2 bars) for tw leakage shall be stoppe required rate until wat Flush at flows not les of 6-inch pipe, 1000 12-inch pipe. When su h 40 psi (2.7 bars) air p al water level and air pr	o hours. Differed. ed. er is clear as indistributed of the GPM GPM (3785 L/m pply cannot procressure and measessure and measure and measur	ntial dry-pip cated by no (1514 L/mi n) for 8-inc luce stipulat ure drop wh re air pressu	collection on for 4-inch pipe, 1500 rate inch shall no write drop white	f foreign m n pipe, 600 0 GPM (567 es, obtain m t exceed 1-3	e left open duri gem (2271 L/r (B L/min) for 11 (aximum availat (2 psi 10.1 bars)	bags at outly bind for 5-inc bind for 5-inc binch pipe arolle, in 24 hours, in (0.1 bars) in	ets such as th pipe, and 2000			
	ALL PIPING HYDROS			The second second	HRS.	11.110,31	ATE REASON					
	DRY PIPING PNEUMA EQUIPMENT OPERAT			S NO		5.5						
	05.000.05.6	SAGE LOCATED NEAR I	VATER SUBBLY T		T BESICVIAL	DDEEC IDE	WITH VALVE II	VI TEST PIDE C	DEN WIDE			
	DRAIN READING OF C		PSI	251 111 21	all a lil	20	200		WEIT WILL			
TESTS		ains and lead in con		tom ricore	flushed hei	ioro cono		2"Drain	ninin-			
	1 2 2				LOTHER		EXPLA	N				
	VERIFIED BY COPY O		858 [_] 16	2 CINO	An J	and and	und ins	telled, tes	ted 4			
	FLUSHED BY INSTAL			s []NO	711	naugra	A -					
	NUMBER USED LOC			2 []110	1/Ush	4 4 ct	Cus 5	Laurana	ER REMOVED			
BLANK TESTING GASKETS	TO MBEN OSED LOC	A110N3						140,418	TH REMOVED			
	WELDED PIPING	YES NO										
	WELDED FINING	YES LINO		IF YES.								
	DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY											
	WITH THE REQUIREMENTS OF AT LEAST AWS 010.9, LEVEL AR-3											
	DO YOU CERTIFY THAT THE WELDING WAS PERFORMED BY WELDERS QUALIFIED IN											
WELDING	COMPLIANCE WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR 3 YES NO											
	DO YOU CERTIFY THAT WELDING WAS CARRIED OUT IN COMPLIANCE WITH A											
	DOCUMENTED QUALITY CONTROL PROCEDURE TO INSURE THAT ALL DISCS ARE RETRIEVED. THAT OPENINGS IN PIPING ARE SMOOTH, THAT SLAG AND OTHER											
6 4	WELDING RESIDUE	PENINGS IN PIPING	ARE SMOOTH.	THAT SLA	G AND OTH AMETERS I	HER OF '	140 11 10	12 V				
0 2 2	PIPING ARE NOT PEN	IETRATED	-745	1.7				Z YES	S [_] NO			
HYDRAULIC	NAMEPLATE PROVID	ED	IF NO, EXPLA	N			·					
DATA NAMEPLATE	/NZ	YES NO										
	DATE LEFT IN SERV	CE WITH ALL CONT	ROL VALVES	PEN:		-0.0						
REMARKS	12-9-15											
	NAME OF SPRINKLE	CONTRACTOR			1.9	11 15						
			IRF PR	2.4								
		STERN F		TS WITNES	SED BY							
SIGNATURES	FOR PROPERTY OWN	IER (SIGNED)		TITLE				DATE ,				
SIGNATURES	- 1	8 3-		1 1	++-1	-		1 4/2	1115			
	FOR SPRINKLER CO	TRACTOR (SIGNED)	TITLE	- I V			DATE	 [- [-]			
~ ~	Trace DI 4	erras		1				19/71	115			
ADDITIONAL FX	PLANATION AND NO					Callega F2	1100	<u> </u>				
	. Linny ion and no				6.	1 19						