

**TOWN OF TRUMBULL, CONNECTICUT  
BOARD OF EDUCATION  
REQUEST FOR PROPOSAL  
STEAM TRAP REPAIRS, REPLACEMENT AND ASSOCIATED PIPING IF NECESSARY**

BID NUMBER #6127 Due: JUNE 18, 2015 AT 2:00

**Addendum #1**

**Steam Trap Survey Report**

**Facility:** Madison Middle School  
**Address:** 4630 Madison Ave, Trumbull, CT 06611  
**Company:** Tunstall Corporation  
**Contact:** Mark Deming  
**Phone:**  
**Survey Date:** 5/11/2015 & 5/13/2015

**Summary Results**

OK = Working  
 B = Blowing (Failed Open)  
 L = Leaking  
 P = Plugged (Failed Closed)  
 NIS = Not in Service  
 RIP = Retired In Place  
 NA #NAME?

#	%
154	68%
4	2%
63	28%
2	1%
2	1%
0	0%
0	0%
225	100%

**Total**

Process Equipment													Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments				
1	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit	
2	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit	
3	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit	
4	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit	
5	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	FT-15	FT	1"	0.218	Hot Water Heater Leaking Bad	2FP-SA-15	\$82.00	Repair Kit	
6	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit	
7	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	FTL	FT	1 1/4"	0.312		TA-FT5-15	\$141.00	New Trap	
8	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	B	Sarco	FTL	FT	1 1/4"	0.312	Return Pipe of Steam Trap is Disconnected	TA-FT5-15	\$141.00	New Trap	
9	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit	
10	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
11	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
12	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
13	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
14	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
15	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
16	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	

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BOARD OF EDUCATION  
 REQUEST FOR PROPOSAL  
 STEAM TRAP REPAIRS, REPLACEMENT AND ASSOCIATED PIPING  
 BID NUMBER #617 DUE: JUNE 18, 2015 A

Summary Results	#	%
OK	154	68%
L	4	2%
P	63	28%
NIS	2	1%
RIP	2	1%
NA	0	0%
	0	0%
<b>Addendum #1</b>	<b>Total</b>	<b>225</b>
		<b>100%</b>

Process Equipment													Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments				
17	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit	
18	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
19	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
20	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
21	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
22	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
23	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
24	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FT-15	FT	1"	0.218	Gasket Leaking above trap	2FP-SA-15	\$82.00	Repair Kit	
25	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
26	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
27	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FT-15	FT	3/4"	0.218		1FP-SA-15	\$82.00	Repair Kit	
28	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FTL	FT	3/4"	0.218		TA-FT3-15	\$108.50	New Trap	
29	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
30	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
31	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
32	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
33	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit	
34	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit	
35	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
36	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	

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	0	0%
<b>Addendum #1</b>	<b>Total</b>	<b>225</b>
		<b>100%</b>

Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments	Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
37	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
38	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	FTL	FT	1 1/4"	0.312		TA-FT5-15	\$141.00	New Trap
39	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
40	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
41	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
42	1	Crawl Space - Sprinkler Room Tunnel	Drip	9	L	Sarco	FT-15	FT	1"	0.218	Return Pipe of Steam Trap is Disconnected	2FP-SA-15	\$82.00	Repair Kit
43	1	Crawl Space - Back of Boilers under stairs	Drip	9	OK	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit
44	1	Basement Storage next to stair C	Drip	9	OK	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit
45	1	Basement Storage next to stair C	Drip	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
46	1	Boiler Room	MHD	9	OK	Sarco	FTL	FT	1 1/4"	0.312		TA-FT5-15	\$141.00	New Trap
47	1	Boiler Room	Drip	9	L	Sarco	FT-15	FT	1"	0.218		2FP-SA-15	\$82.00	Repair Kit
48	1	Boiler Room	Drip	9	L	Sarco	FT-15	FT	1/1/4"	0.312		3FP-SA-15	\$99.00	Repair Kit
49	1	Boiler Room	HEX	9	OK	Sarco	FTL	FT	1-1/2"	0.500		TA-FT6-15	\$283.00	New Trap
50	1	Boiler Room	HEX	9	OK	Sarco	FTL	FT	2"	0.625	Domestic Hot Water	TA-FT8-15	\$376.00	New Trap
51	1	Basement Exit	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
52	1	Basement CMC Technician	Drip	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
53	1	Basement Electric Transfer	Drip	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
54	1	Basement CMC Technician	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
55	1	Basement Custodial Supplies	Drip	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
56	1	Fan Room above stage	HV-6 Coil	9	OK	Sarco	FT-15	FT	1 1/2"	0.500		4RK-SA-15	\$182.00	Repair Kit

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Summary Results	#	%
OK (Working)	154	68%
OK (Not in Service)	4	2%
L = Leaking	63	28%
P = Plugged (Failed Closed)	2	1%
NIS = Not in Service	2	1%
RIP = Referred to Place	0	0%
NA #NAME?	0	0%
<b>Addendum #1</b>	<b>Total</b>	<b>225</b>
		<b>100%</b>

Process Equipment														
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments	Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
57	1	2nd Floor - Boys Room	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
58	1	Girls Room	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
59	1	Hallway Outside Girls Room	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
60	1	Social Studies	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
61	1	Hallway Outside 230	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
62	1	230	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
63	1	230	CUH	9	OK	Sarco	TH125	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
64	1	229	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
65	1	229	CUH	9	OK	Sarco	TH125	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
66	1	228	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
67	1	228	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
68	1	228	CUH	9	OK	Sarco	TH125	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
69	1	Hallway Outside 227	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
70	1	Hallway Outside 227	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
71	1	227	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
72	1	227	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
73	1	227	CUH	9	OK	Sarco	TH125	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
74	1	Mrs. Ormond	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
		Storage		9							No Access			
75	1	226	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit

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Process Equipment													Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments				
76	1	226	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
77	1	226	CUH	9	OK	Sarco	TH125	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
78	1	225	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
79	1	224	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
80	1	2nd to 1st Stairwell (next to room 224)	Conv	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
81	1	2nd to 1st Stairwell (next to room 224)	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
82	1	223	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
83	1	222	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
84	1	221	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
85	1	220	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
86	1	219	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
87	1	218	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
88	1	217	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
89	1	216	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
90	1	216	FTR	9	B	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
91	1	216	FTR	9	B	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
92	1	Girls Room	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
93	1	Boys Room	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
94	1	Hall outside of elevator	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
95	1	2nd to 1st stair next to elevator	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	

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Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments	Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
96	1	2nd to 1st stair next to elevator	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
97	1	215	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
98	1	214	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
99	1	Media Workroom	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
100	1	Media Center	UV	9	OK	Sarco	H	TT	1"	0.312	Right	TCSA-2226	\$33.00	Repair Kit
101	1	Media Center	UV	9	OK	Sarco	H	TT	1"	0.312	Middle	TCSA-2226	\$33.00	Repair Kit
102	1	Media Center	UV	9	OK	Sarco	H	TT	1"	0.312	Left	TCSA-2226	\$33.00	Repair Kit
103	1	Hallway Outside Media Center	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
104	1	Hallway Outside Media Center	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
105	1	212	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
106	1	211	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
107	1	2nd to 1st stair B	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
108	1	2nd to 1st stair B	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
109	1	Hallway next to stair B	FTR	9	B	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
110	1	210	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
111	1	209	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
112	1	208	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
113	1	207	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
114	1	206	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit
115	1	205	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit

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Addendum #1

Total

Process Equipment													Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments				
116	1	204	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
117	1	203	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
118	1	202	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
119	1	201	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
120	1	2nd to 1st stair A	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
121	1	2nd to 1st stair A	Conv	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
122	1	Storage next to 232	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
123	1	232	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
124	1	231	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
125	1	1st Floor Section D - 4	UH	9	OK	Sarco	FT-15	FT	3/4"	0.218		1FP-SA-15	\$82.00	Repair Kit	
126	1	4	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
127	1	Computer Room (next to 4)	UH	9	OK	Sarco	FT-15	FT	3/4"	0.218		1FP-SA-15	\$82.00	Repair Kit	
128	1	Exit by 3	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
129	1	Exit by 3	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
130	1	3	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
131	1	3	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
132	1	Room across from Woodshop Office	FTR	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
133	1	Room across from Woodshop Office	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
134	1	117B	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
135	1	117B	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	

Steam Trap Survey Report

Facility: Madison Middle School  
 Address: 4630 Madison Ave, Trumbull, CT 06611  
 Company: Tunstall Corporation  
 Contact: Mark Deming  
 Phone:  
 Survey Date: 5/11/2015 & 5/13/2015

BOARD OF EDUCATION  
 REQUEST FOR PROPOSAL  
 STEAM TRAP REPAIRS, REPLACEMENT AND ASSOCIATED PIPING  
 BID NUMBER #617 Due: JUNE 18, 2015 A

Summary Results  
 OK = OK  
 L = Leaking  
 P = Plugged (Failed Closed)  
 NIS = Not in Service  
 RIP = Ripped in Place  
 NA = #NAME?

#	%
154	68%
4	2%
63	28%
2	1%
2	1%
0	0%
0	0%
225	100%

Addendum #1

Total

Process Equipment													Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments				
136	1	Woodshop	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
137	1	Woodshop	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
138	1	Woodshop	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
139	1	118	FTR	9	L	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
140	1	Room next to Mechanical Room	Conv	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
141	1	Hallway by Exit	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
142	1	119	FTR	9	L	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
143	1	119B	FTR	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
144	1	1st Floor - stairwell between 115 & 114	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
145	1	116	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
146	1	115	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
147	1	Storage between 115 & 114	CUH	9	NIS	Sarco	FTL	FT	3/4"	0.218		TA-FT3-15	\$108.50	New Trap	
148	1	114	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
149	1	Hall Outside 114	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
150	1	Hall Outside 113	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
151	1	113	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
152	1	112	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
153	1	111	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
154	1	Stairwell near Exit	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
155	1	End of Hall	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	

Steam Trap Survey Report

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**BOARD OF EDUCATION**  
**REQUEST FOR PROPOSAL**  
**STEAM TRAP REPAIRS, REPLACEMENT AND ASSOCIATED PIPING**  
**BID NUMBER #617 Due: JUNE 18, 2015**

Summary Results	#	%
OK	154	68%
OK (Not in Service)	4	2%
L = Leaking	63	28%
P = Plugged (Failed Closed)	2	1%
NIS = Not in Service	2	1%
RIP = Referred to Place	0	0%
NA = NAME?	0	0%
<b>Addendum #1</b>	<b>Total</b>	<b>225</b>
		<b>100%</b>

Process Equipment													Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments				
156	1	110	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
157	1	109	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
158	1	108	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
159	1	107	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
160	1	106	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
161	1	105	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
162	1	104	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
163	1	103	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
164	1	102	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
165	1	101	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
166	1	Stairwell A	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
167	1	Hallway outside bathroom	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
168	1	Hallway outside 228	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
169	1	Hallway outside 228	FTR	9	P	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
170	1	128	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
171	1	127A	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
172	1	127	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
173	1	Faculty Room	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
174	1	126	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
175	1	125	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	

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BOARD OF EDUCATION  
 REQUEST FOR PROPOSAL  
 STEAM TRAP REPAIRS, REPLACEMENT AND ASSOCIATED PIPING  
 BID NUMBER #617 DUE: JUNE 18, 2015 A

Summary Results	#	%
OK	154	68%
L = Leaking	4	2%
P = Plugged (Failed Closed)	63	28%
NIS = Not in Service	2	1%
RIP = Referred to Place	2	1%
NA #NAME?	0	0%
<b>Addendum #1</b>	<b>0</b>	<b>0%</b>
<b>Total</b>	<b>225</b>	<b>100%</b>

Process Equipment													Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments				
176	1	124	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
177	1	123	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
178	1	122	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
179	1	121	UV	9	OK	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
180	1	120	UV	9	L	Sarco	H	TT	1"	0.312		TCSA-2226	\$33.00	Repair Kit	
181	1	Girls Room next to 120	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
182	1	Boys Room next to 120	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
183	1	Cafeteria	FTR	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
184	1	Cafeteria	FTR	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
185	1	Cafeteria	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
186	1	Cafeteria	FTR	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
187	1	Cafeteria	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
188	1	Cafeteria	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
189	1	Cafeteria	FTR	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
190	1	Cafeteria	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
191	1	Kitchen	FTR	9	L	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
192	1	Kitchen	FTR	9	L	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit	
193	1	Kitchen	Kettle	9	NIS	Barnes & Jones	122	TT	1/2"	0.250		TFBJ-1001	\$28.00	Repair Kit	
194	1	Kitchen Office	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
195	1	Exit Next to Loading Dock	UH	9	OK	Sarco	FTL	FT	3/4"	0.218		TA-FT3-15	\$108.50	New Trap	

Steam Trap Survey Report

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**BOARD OF EDUCATION**  
**REQUEST FOR PROPOSAL**  
**STEAM TRAP REPAIRS, REPLACEMENT AND ASSOCIATED PIPING**  
**BID NUMBER #617 DUE: JUNE 18, 2015**

Summary Results	#	%
OK	154	68%
L = Leaking	4	2%
P = Plugged (Failed Closed)	63	28%
NIS = Not in Service	2	1%
RIP = Replaced in Place	2	1%
NA #NAME?	0	0%
<b>Addendum #1</b>	0	0%
<b>Total</b>	<b>225</b>	<b>100%</b>

Process Equipment												Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments			
196	1	Storage off Loading Dock	UH	9	L	Sarco	FTL	FT	3/4"	0.218		TA-FT3-15	\$108.50	New Trap
197	1	Head Custodian Office	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
198	1	Office above Band Room	FTR	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
199	1	Band Room	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
200	1	Band Room	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
201	1	Band Storage	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
202	1	Hall outside of cafeteria & stage	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
203	1	Hall outside of cafeteria & stage	Conv	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
204	1	Auditorium Entrance	CUH	9	OK	Sarco	H	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
205	1	Main Office back of room	FTR	9	OK	Sarco	T25	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
206	1	Principal's Office	FTR	9	OK	Sarco	T25	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
207	1	Assistance Principal	FTR	9	OK	Sarco	T25	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
208	1	Workroom	FTR	9	OK	Sarco	T25	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
209	1	Guidance Conference	FTR	9	OK	Sarco	T25	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
210	1	Office Lena Payne	FTR	9	OK	Sarco	T25	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
211	1	Office James Barbato	FTR	9	OK	Sarco	T25	TT	3/4"	0.250		TFSA-2217	\$28.00	Repair Kit
212	1	Hall Outside of Gym	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
213	1	Hall Outside of Gym	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
214	1	Hall Outside of Gym	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit
215	1	Hall Outside of Gym	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit

Steam Trap Survey Report

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**BOARD OF EDUCATION**  
**REQUEST FOR PROPOSAL**  
**STEAM TRAP REPAIRS, REPLACEMENT AND ASSOCIATED PIPING**

Summary Results

	#	%
OK	154	68%
L	4	2%
P	63	28%
NIS	2	1%
RIP	2	1%
NA	0	0%
	0	0%
<b>Addendum #1</b>	<b>Total</b>	<b>225</b>
		<b>100%</b>

L = Leaking  
 P = Plugged (Failed Closed)  
 NIS = Not in Service  
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**BID NUMBER #617 Due: JUNE 18, 2015 A**

Process Equipment													Tunstall Repair Kit # or New Trap #	Net Cost Each	Repair Kit or New Trap
Tag #	Quantity	Location	Application	Line PSI	Result	Manufacturer	Model	Type	Pipe Size	Orifice	Comments				
216	1	Hall Outside of Gym	FTR	9	P	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
217	1	Hall Outside of Gym	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
218	1	Hall Outside of Gym	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
219	1	Hall Outside of Gym	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
220	1	Hall Outside of Gym	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
221	1	Hall Outside of Gym	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
222	1	Hall Outside of Gym	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
223	1	Nurses Office	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
224	1	Nurses Office	FTR	9	L	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	
225	1	Nurses Office	FTR	9	OK	Sarco	H	TT	1/2"	0.218		TFSA-2203	\$28.00	Repair Kit	

Total Cost for All Repari Kits and New Steam Traps: **\$9,259.00**