Leak report | Start: 16.04.2021 | End: 16.04.2021 | Duration: 1 day(s)

Contact details:	Customer:	Auditor:
Company:	CS INSTRUMENTS	CS Instruments Audit
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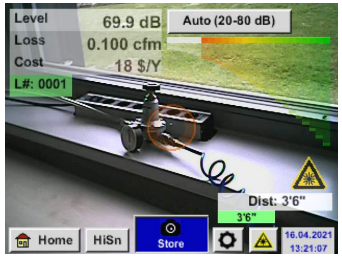
logo:		

Project master data

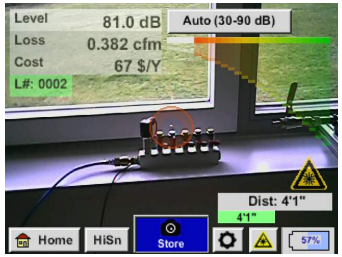
Import date		CO2 emissions:	1.16 lbs/kWh
Cost calculation basis:	Energy costs [70%]	Specific power:	0.0034 kWh / CF
Compressed air costs	0.34 $ / 1000 CF	Electricity price:	0.1 $ / kWh
Annual working hours:	8760 h		

Result:		Improvements:		Percentage:
No. of leakages:	6	No. of leakages fixed:	2	33.33 %
Total leakage rate:	4,14 cfm	Reduced leakage rate:	3,495 cfm	84.42 %
Total costs per Year:	739,83 $	Reduced costs per Year:	624,57 $	
Total CO2 emissions per Year:	3,92 tons	Reduced CO2 emissions per Year:	3,31 tons	



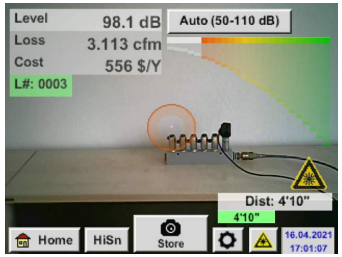
LeakTag: 1

Building - Place:	Building 2 - Show room	**Leak repair under pressure?**	Yes
Date Time:	16.04.2021 13:22:24	**Failure:**	Pressure regulator
Leakage rate:	0,1 cfm	**Spare part:**	
Costs per Year:	17,87 $	**Measure:**	No action
Total CO2 emissions per Year:	0,09 tons	**Note:**	
Priority:	low	**Status:**	
Comment:	quick coupler	**solved at:**	
		solved by:	



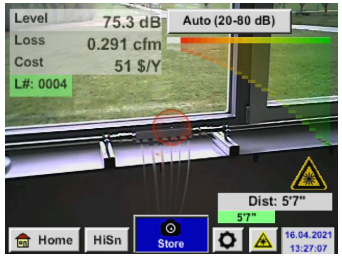
LeakTag: 2

Building - Place:	Building 2 - Show room	**Leak repair under pressure?**	Yes
Date Time:	16.04.2021 13:23:54	**Failure:**	Demo leak
Leakage rate:	0,382 cfm	**Spare part:**	
Costs per Year:	68,26 $	**Measure:**	close valve
Total CO2 emissions per Year:	0,36 tons	**Note:**	
Priority:	high	**Status:**	
Comment:		**solved at:**	16.04.2021
		solved by:	TB



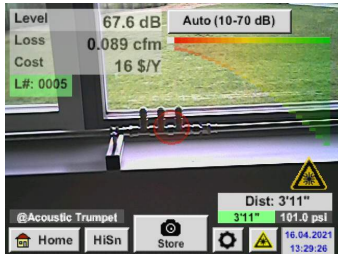
LeakTag: 3

Building - Place:	Building 2 - Show room	**Leak repair under pressure?**	Yes
Date Time:	16.04.2021 17:01:10	**Failure:**	Demo leak
Leakage rate:	3,113 cfm	**Spare part:**	none
Costs per Year:	556,31 $	**Measure:**	close valve
Total CO2 emissions per Year:	2,95 tons	**Note:**	closed after demonstration
Priority:	high	**Status:**	
Comment:		**solved at:**	16.04.2021
		solved by:	TB



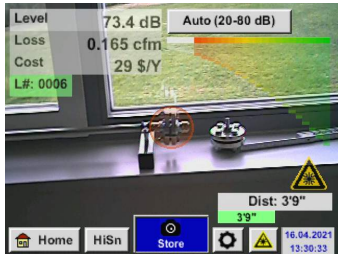
LeakTag: 4

Building - Place:	Building 2 - Show room	**Leak repair under pressure?**	No
Date Time:	16.04.2021 13:28:53	**Failure:**	push in fitting
Leakage rate:	0,291 cfm	**Spare part:**	
Costs per Year:	52 $	**Measure:**	reseal
Total CO2 emissions per Year:	0,28 tons	**Note:**	
Priority:	mid	**Status:**	
Comment:		**solved at:**	16.04.2021
		solved by:	TB



LeakTag: 5

Building - Place:	Building 2 - Show room	**Leak repair under pressure?**	No
Date Time:	16.04.2021 13:29:59	**Failure:**	Quick coupling
Leakage rate:	0,089 cfm	**Spare part:**	
Costs per Year:	15,9 $	**Measure:**	Seal the thread
Total CO2 emissions per Year:	0,08 tons	**Note:**	
Priority:	low	**Status:**	
Comment:		**solved at:**	
		solved by:	



LeakTag: 6

Building - Place:	Building 2 - Show room	**Leak repair under pressure?**	No
Date Time:	16.04.2021 13:32:36	**Failure:**	Flange connection
Leakage rate:	0,165 cfm	**Spare part:**	DN 20
Costs per Year:	29,49 $	**Measure:**	Change seal
Total CO2 emissions per Year:	0,16 tons	**Note:**	
Priority:	mid	**Status:**	
Comment:		**solved at:**	
		solved by:	

Result:		Improvements:		Percentage:
No. of leakages:	6	No. of leakages fixed:	2	33.33 %
Total leakage rate:	4,14 cfm	Reduced leakage rate:	3,495 cfm	84.42 %
Total costs per Year:	739,83 $	Reduced costs per Year:	624,57 $	
Total CO2 emissions per Year:	3,92 tons	Reduced CO2 emissions per Year:	3,31 tons	