Leak report	Start: 16.04.2021	End: 16.04.2021	Duration: 1 day(s)
Contact details:	Customer:	Auditor:	
Company:	CS INSTRUMENTS	CS Instruments Audit	
Address:	Zindelsteiner Str. 15 78052 VS Tannheim	Wolterdinger Str. 13 78052 Villingen	
Contact person:	Martin Huber	Blessing Thomas	
Email:	info@cs-instruments.com	t.blessing@cs-instruments.com	
Phone:	07705 978990		
logo:			
	CS INSTRUMENTS		

## 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	



Level 69.9 dB Auto (20-80 dB) Loss 0.100 cfm 18 \$/Y L#: 0001 L#: 0001 Dist: 3'6" 18 3/Y	LeakTag: Building - Place: Date Time: Leakage rate: Costs per Year: Total CO2 emissions per Year: Priority: Comment:	<b>1</b> Building 2 - Show room 16.04.2021 13:22:24 0,1 cfm 17,87 \$ 0,09 tons low quick coupler	Leak repair under pressure? Failure: Spare part: Measure: Note: Status: solved at: solved by:	Yes Pressure regulator No action	<ul> <li>✓</li> </ul>
Level 81.0 dB Auto (30-90 dB) Loss 0.382 cfm Cost 67 \$/Y L#: 0002 Dist. 411" Dist. 411" € Home HiSn Store Q ▲ 575.	LeakTag: Building - Place: Date Time: Leakage rate: Costs per Year: Total CO2 emissions per Year: Priority: Comment:	2 Building 2 - Show room 16.04.2021 13:23:54 0,382 cfm 68,26 \$ 0,36 tons high	Leak repair under pressure? Failure: Spare part: Measure: Note: Status: solved at: solved by:	Yes Demo leak close valve 16.04.2021 TB	$\oslash$
Level 98.1 dB Loss 3.113 cfm Cost 556 \$/Y L#: 0003 Dist: 4'10" 4'10" ↓ 16.04.2021 17.0137	LeakTag: Building - Place: Date Time: Leakage rate: Costs per Year: Total CO2 emissions per Year: Priority: Comment:	<b>3</b> Building 2 - Show room 16.04.2021 17:01:10 3,113 cfm 556,31 \$ 2,95 tons high	Leak repair under pressure? Failure: Spare part: Measure: Note: Status: solved at: solved by:	Yes Demo leak none close valve closed after demonstration 16.04.2021 TB	Ø



Level	75.3 dB	Auto (20-80 dB)	LeakTag:
Loss	0.291 cfm		Building - Pl
Cost L#: 0004	51 \$/Y		Date Time:
The second	-		Leakage rate
	1 I		Costs per Ye
			Total CO2 er
		Dist: 5'7"	per Year:
💼 Hom	e HiSn Sto	re 🖉 🔺 16.04.2021 13:27:07	Priority:

	· ·
Building - Place:	Building 2 - Show room
Date Time:	16.04.2021 13:28:53
Leakage rate:	0,291 cfm
Costs per Year:	52 \$
Total CO2 emissions per Year:	0,28 tons
Priority:	mid
Comment:	

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### Leak repair under pressure? No Failure: push in fitting Spare part: Measure: reseal Note: √L) Status: solved at: 16.04.2021 solved by: ΤВ



### LeakTag: 5 **Building - Place:** Building 2 - Show room Leak repair under pressure? No Date Time: Failure: 16.04.2021 13:29:59 Quick coupling Leakage rate: 0.089 cfm Spare part: Costs per Year: 15.9 \$ Measure: Seal the thread Total CO2 emissions 0.08 tons Note: per Year: Priority: low Status: Comment: solved at: solved by:



# LeakTag: **Building - Place:**

Date Time:

per Year:

**Priority:** 

Comment:

Leakage rate:

Building 2 - Show room 16.04.2021 13:32:36 0.165 cfm Costs per Year: 29,49 \$ Total CO2 emissions 0.16 tons mid

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## Leak repair under pressure? No Failure: Flange connection Spare part: DN 20 Measure: Change seal Note: Status: solved at: solved by:



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√L)

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	

