



Leak Report

XYZ Corp Recycle Area

Inspected By: Andy Dortch on 2024-05-17 15:30:28

Based on System: XYZ Corp - Air

System Pressure: 100 psi

Compressor Capacity: 17200 CFM

Motor Output: 2983 kW

Operating Hours: 8760 hrs/year

Electricity Cost: USD .06/kwh



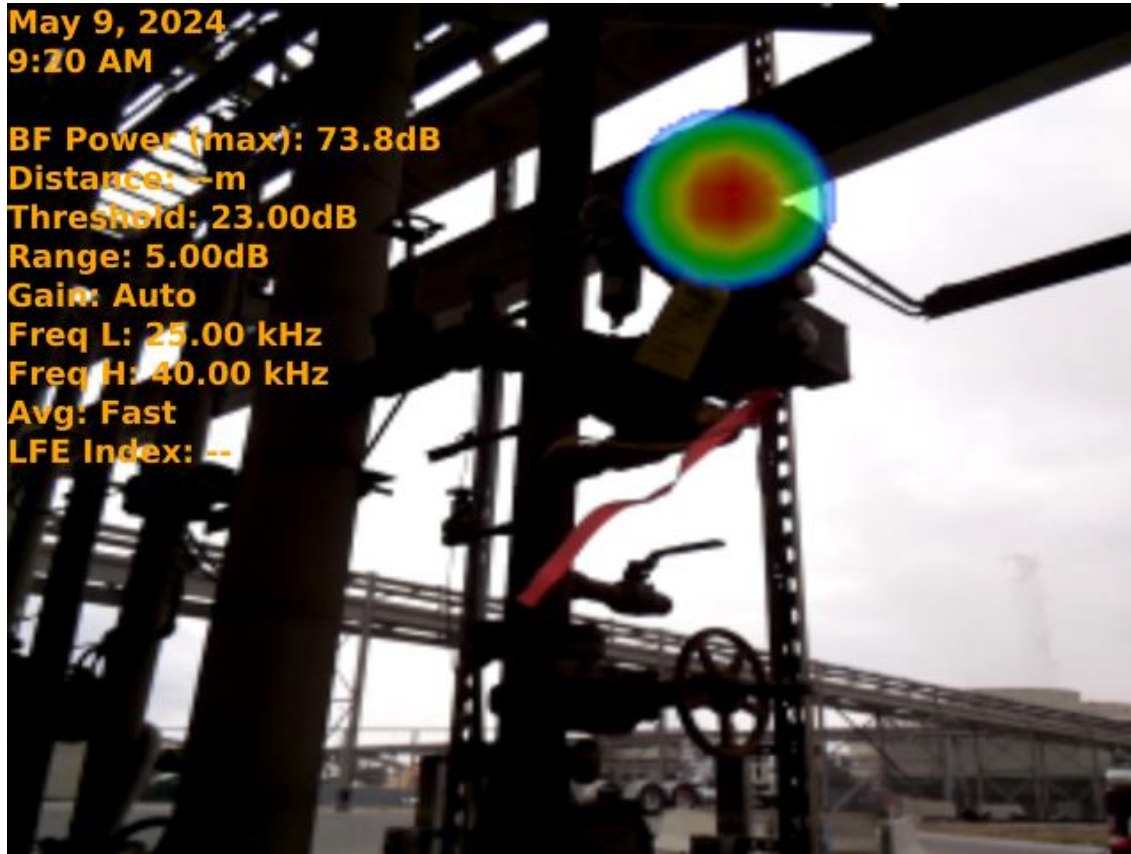
Estimated Total System Loss Impact: 104,625 - 127,874 CFM



Estimated Total Savings Impact: USD 15,760 - USD 19,263

Notice:

This report provides estimates based on measured data using the SonaVu. Therefore, the estimates of leakage, loss, etc. in the report are approximations based on measurement data and may differ from the actual ones depending on the measurement environment, system information, and the validity of the procedure followed by the inspector.

**File: 2024_May_9_09_20_28.jpg**

LFE Index: 0

Point dB: 73.8

Distance: DISTANCE_MODE_AUTO >3m dB

Gain: 0 dB

Frequency Range: 40000

Image Range: 5

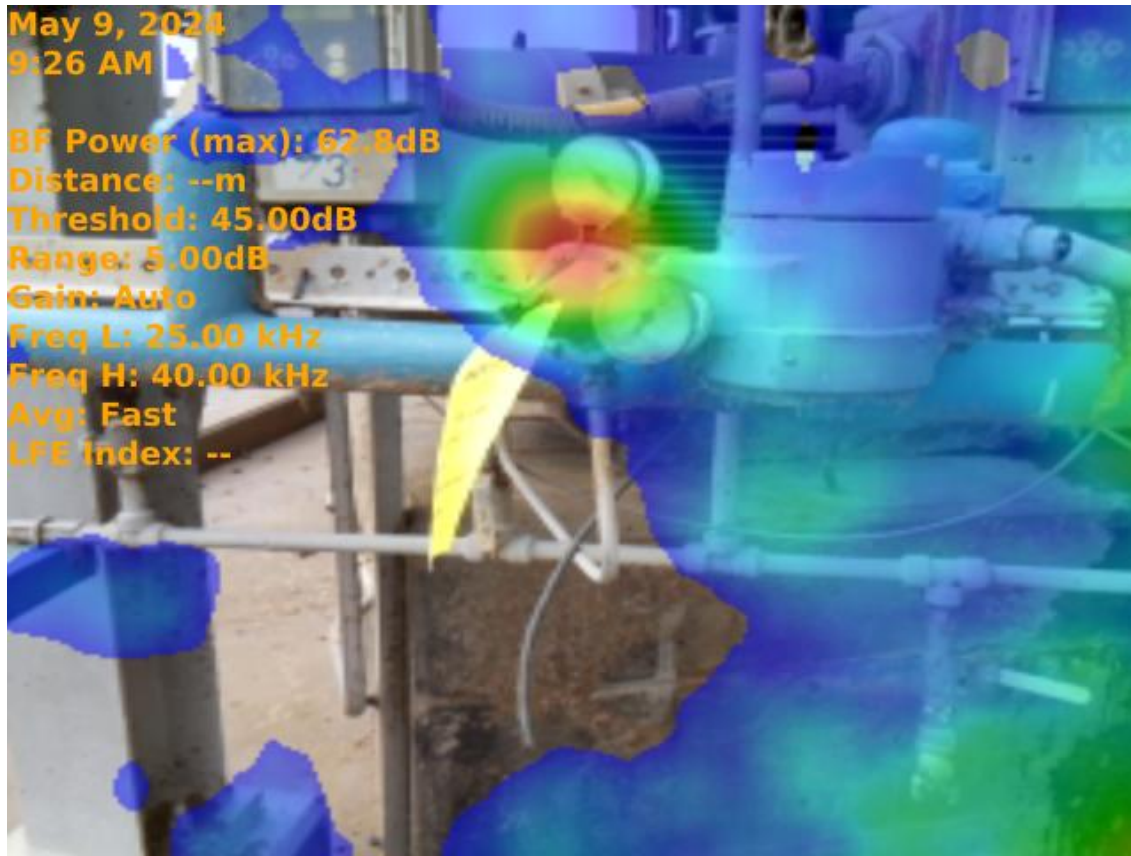
**Status Point 1 - 73.8 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.51 CFM | 14452.448 CCM | 0.867 CMH

Estimated Annual Loss Impact for Point 1: USD 1960 - USD 2395

NOTES LAST UPDATED: 2024-05-17 15:31:40pm**LOCATION: Not Provided****NOTES:**

#3156 recyc, auto cv above pmp b076, tubing fitting.

**File: 2024_May_9_09_26_18.jpg**

LFE Index: 0

Point dB: 62.8

Distance: DISTANCE_MODE_AUTO >3m dB

Gain: 0 dB

Frequency Range: 40000

Image Range: 5

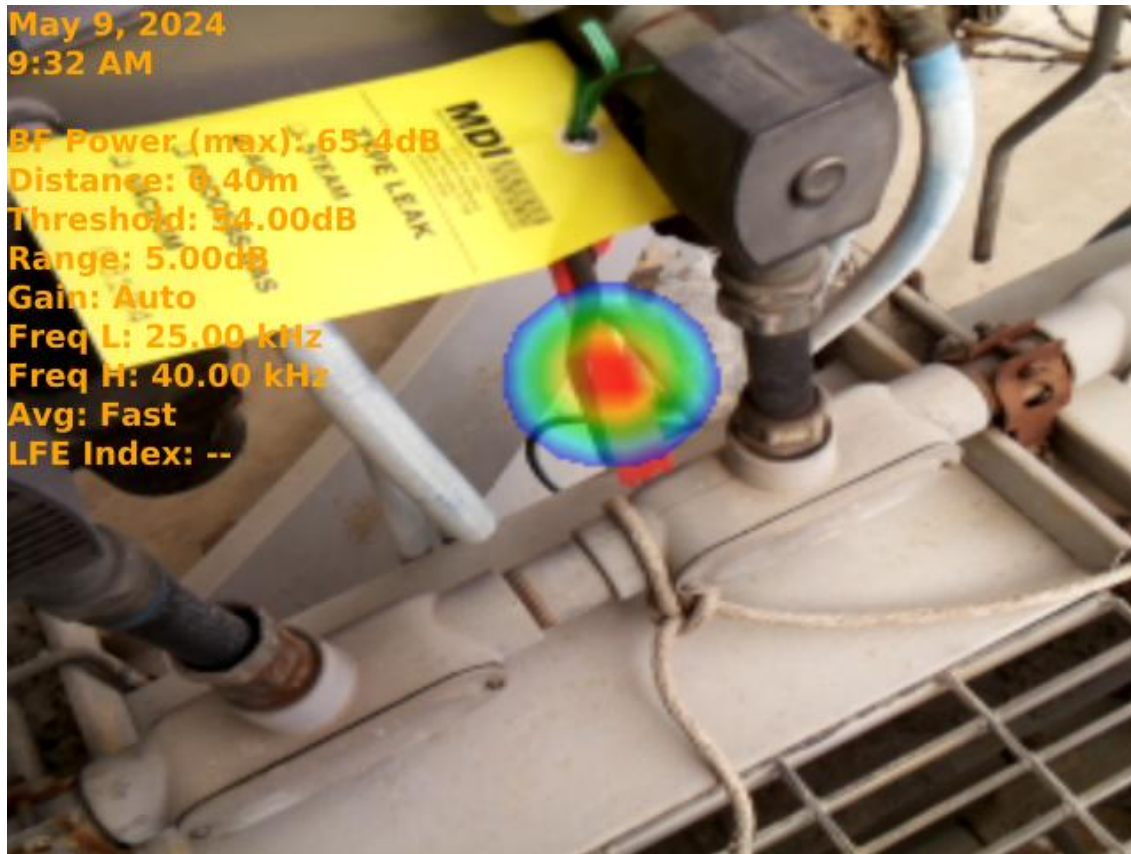
**Status Point 1 - 62.8 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.193 CFM | 5455.123 CCM | 0.327 CMH

Estimated Annual Loss Impact for Point 1: USD 740 - USD 904

NOTES LAST UPDATED:**LOCATION: Not Provided****NOTES:**

#3157 recyc, i/p reg at pmp 5058, leaks by.



May 9, 2024
9:32 AM

BF Power (max): 65.4dB
Distance: 0.40m
Threshold: 54.00dB
Range: 5.00dB
Gain: Auto
Freq L: 25.00 kHz
Freq H: 40.00 kHz
Avg: Fast
LFE Index: --

File: 2024_May_9_09_32_21.jpg

LFE Index: 0
Point dB: 65.4
Distance: 0.40
Gain: 0 dB
Frequency Range: 40000
Image Range: 5



Status Point 1 - 65.4 dB: NOT REPAIRED

Estimated Leak Flow Rate for Point 1: 0.03 CFM | 857.082 CCM | 0.051 CMH
Estimated Annual Loss Impact for Point 1: USD 117 - USD 143

NOTES LAST UPDATED: 2024-05-17 15:37:20pm

LOCATION: Not Provided

NOTES:

#3184 recyc, valve mezz at hd chest #8, sol valve r24-232 dumping air.

**File: 2024_May_9_09_36_44.jpg**

LFE Index: 0
Point dB: 59.9
Distance: 0.56
Gain: 0 dB
Frequency Range: 40000
Image Range: 5

**Status Point 1 - 59.9 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.027 CFM | 768.747 CCM | 0.046 CMH
Estimated Annual Loss Impact for Point 1: USD 105 - USD 128

NOTES LAST UPDATED: 2024-05-17 15:48:38pm

LOCATION: Not Provided

NOTES:

#3158 recyc, valve mezz at hd chest #8, auto cv reg gauge.

**File: 2024_May_9_09_44_03.jpg**

LFE Index: 0
Point dB: 42.7
Distance: 1.35
Gain: 0 dB
Frequency Range: 40000
Image Range: 5

**Status Point 1 - 42.7 dB: NOT REPAIRED**

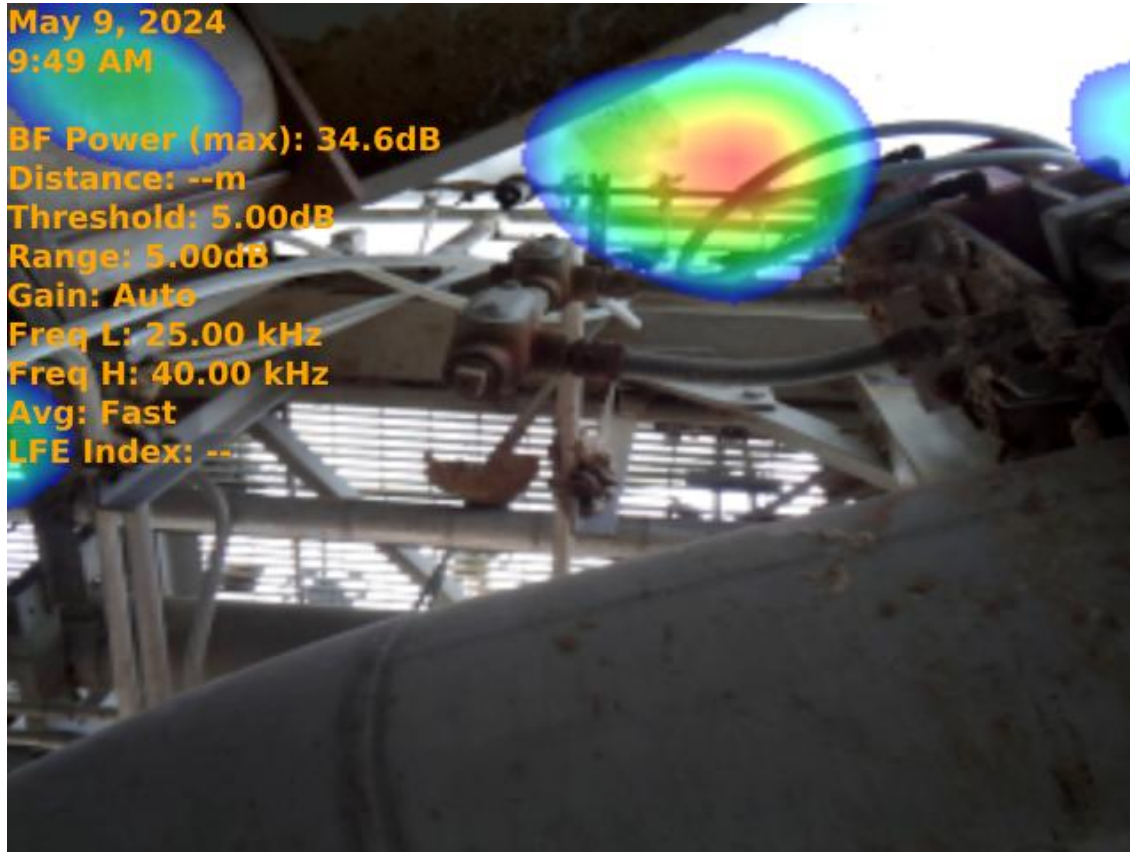
Estimated Leak Flow Rate for Point 1: 0.014 CFM | 409.605 CCM | 0.025 CMH
Estimated Annual Loss Impact for Point 1: USD 56 - USD 68

NOTES LAST UPDATED: 2024-05-17 15:49:15pm

LOCATION: Not Provided

NOTES:

#3183 recyc, valve mezz at hd chest #8, r24-227 sol dumping.

**File: 2024_May_9_09_49_31.jpg**

LFE Index: 0

Point dB: 34.3

Distance: DISTANCE_MODE_AUTO >3m dB

Gain: 0 dB

Frequency Range: 40000

Image Range: 5

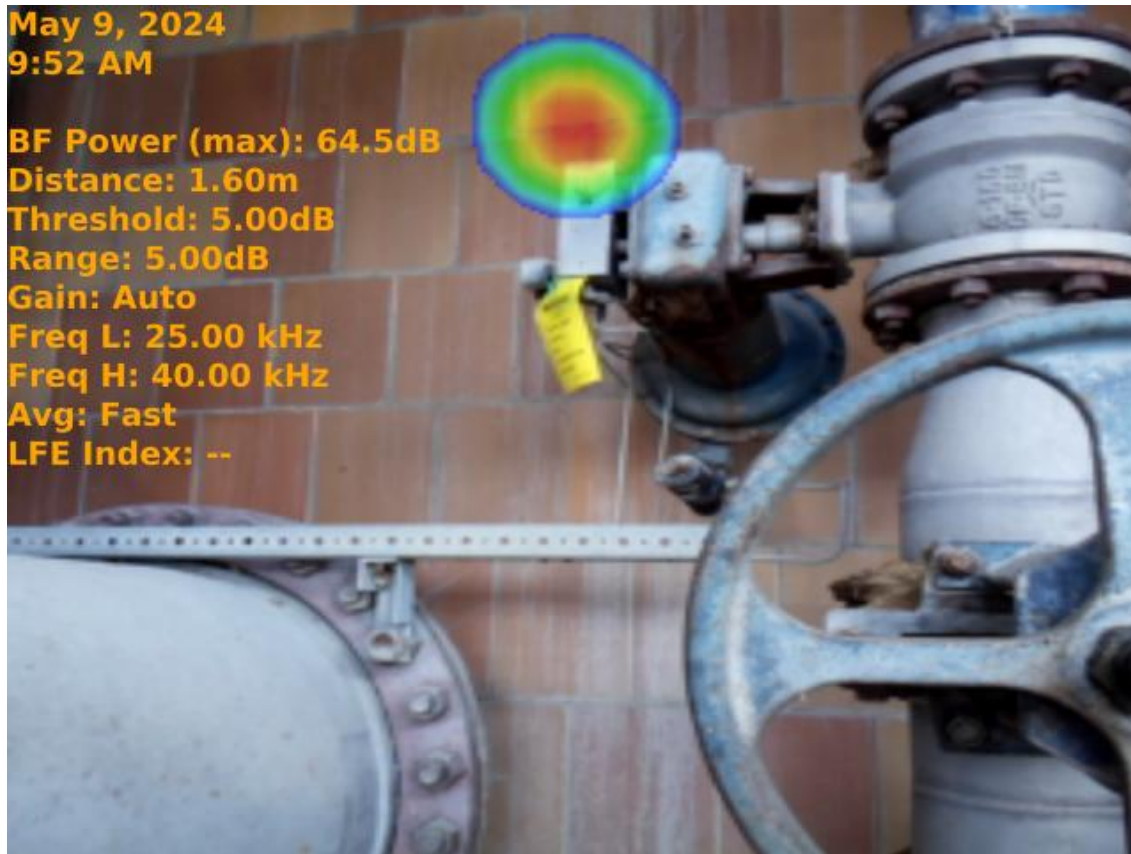
**Status Point 1 - 34.3 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.015 CFM | 420.494 CCM | 0.025 CMH

Estimated Annual Loss Impact for Point 1: USD 58 - USD 70

NOTES LAST UPDATED: 2024-05-17 15:50:30pm**LOCATION: Not Provided****NOTES:**

#2116 & 2117 recyc, valve mezz at hd chest #8, sol valves next to r27-227 leaking.

**File: 2024_May_9_09_52_43.jpg**

LFE Index: 0
Point dB: 64.5
Distance: 1.60
Gain: 0 dB
Frequency Range: 40000
Image Range: 5

**Status Point 1 - 64.5 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.119 CFM | 3358.257 CCM | 0.201 CMH
Estimated Annual Loss Impact for Point 1: USD 456 - USD 557

NOTES LAST UPDATED:

LOCATION: Not Provided

NOTES:

#3159 recyc, #1 cleaners feed chst, auto cv controller gauge.

**File: 2024_May_9_09_57_17.jpg**

LFE Index: 0
Point dB: 61.8
Distance: 0.48
Gain: 0 dB
Frequency Range: 40000
Image Range: 5

**Status Point 1 - 61.8 dB: NOT REPAIRED**

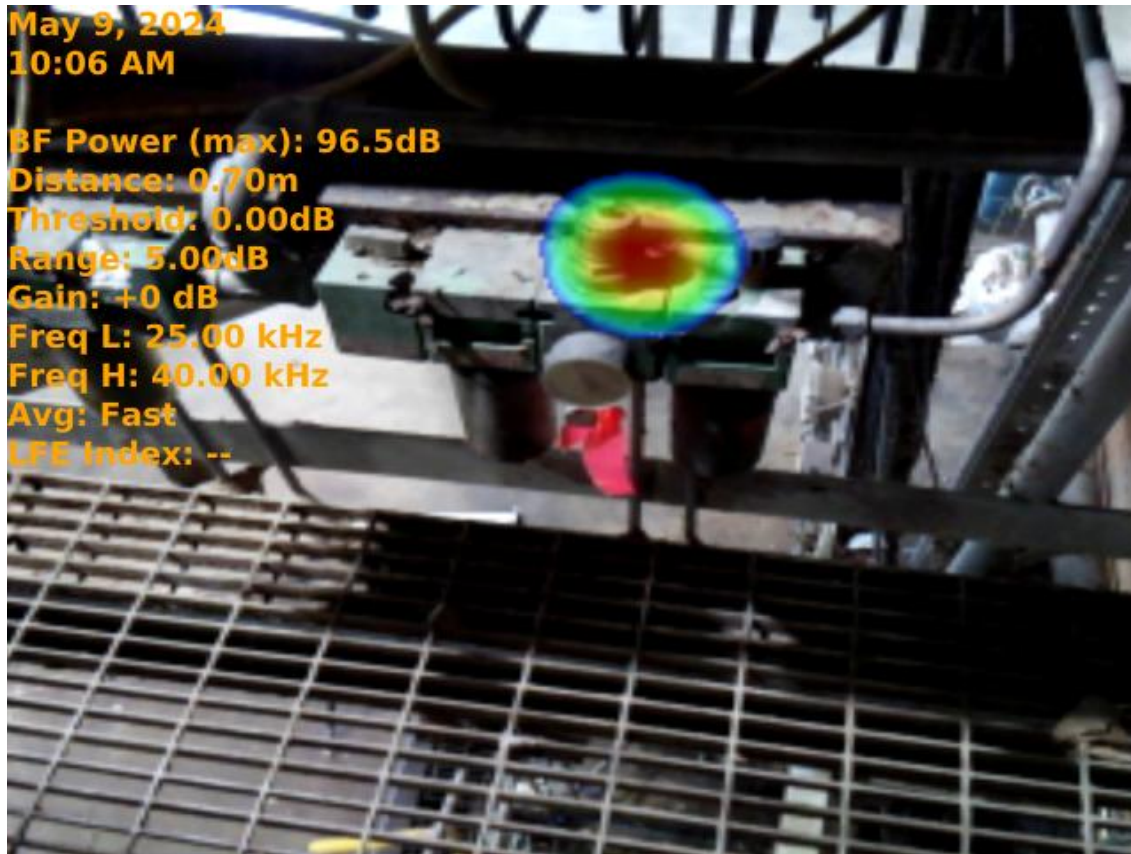
Estimated Leak Flow Rate for Point 1: 0.027 CFM | 770.555 CCM | 0.046 CMH
Estimated Annual Loss Impact for Point 1: USD 105 - USD 128

NOTES LAST UPDATED:

LOCATION: Not Provided

NOTES:

#3162 recyc, left of cleaners feed chst agit b032, auto cv reg body leaks.

**File: 2024_May_9_10_06_09.jpg**

LFE Index: 0
Point dB: 96.5
Distance: 0.70
Gain: 0
Frequency Range: 40000
Image Range: 5

**Status Point 1 - 96.5 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.293 CFM | 8286.986 CCM | 0.497 CMH
Estimated Annual Loss Impact for Point 1: USD 1124 - USD 1374

NOTES LAST UPDATED:

LOCATION: Not Provided

NOTES:

#3163 recyc, sand separator, pneu enclosure, reg body.

**File: 2024_May_9_10_10_48.jpg**

LFE Index: 0
Point dB: 77.8
Distance: 0.79
Gain: 0
Frequency Range: 40000
Image Range: 7

**Status Point 1 - 77.8 dB: NOT REPAIRED**

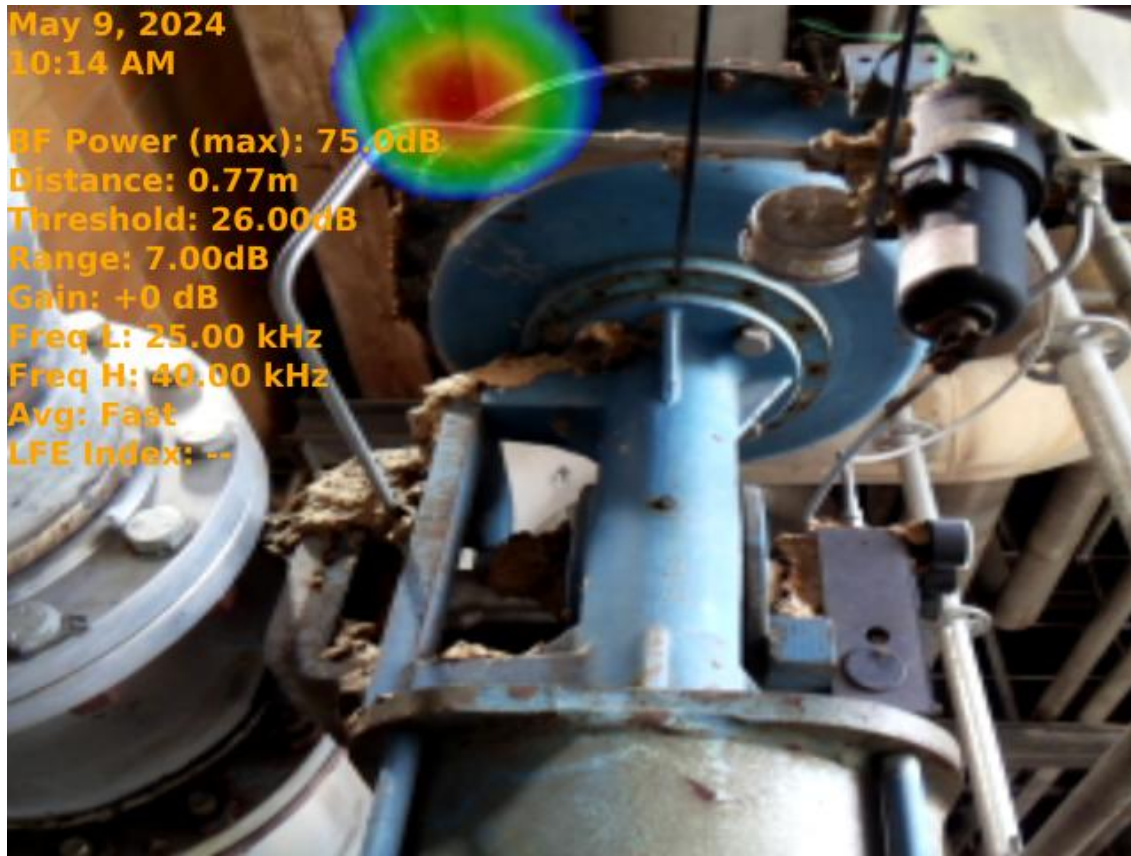
Estimated Leak Flow Rate for Point 1: 0.174 CFM | 4918.589 CCM | 0.295 CMH
Estimated Annual Loss Impact for Point 1: USD 667 - USD 815

NOTES LAST UPDATED:

LOCATION: Not Provided

NOTES:

#3164 recyc, course screen fd pmp b013, auto cv gauge

**File: 2024_May_9_10_14_33.jpg**

LFE Index: 0
Point dB: 75.0
Distance: 0.77
Gain: 0
Frequency Range: 40000
Image Range: 7

**Status Point 1 - 75 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.135 CFM | 3826.212 CCM | 0.23 CMH
Estimated Annual Loss Impact for Point 1: USD 519 - USD 634

NOTES LAST UPDATED:**LOCATION: Not Provided****NOTES:**

#3161 recyc, fine scrn feed chst, auto cv actuator diaphragm leaks.

**File: 2024_May_9_10_17_48.jpg**

LFE Index: 0
Point dB: 72.8
Distance: 0.71
Gain: 0
Frequency Range: 40000
Image Range: 7

**Status Point 1 - 72.8 dB: NOT REPAIRED**

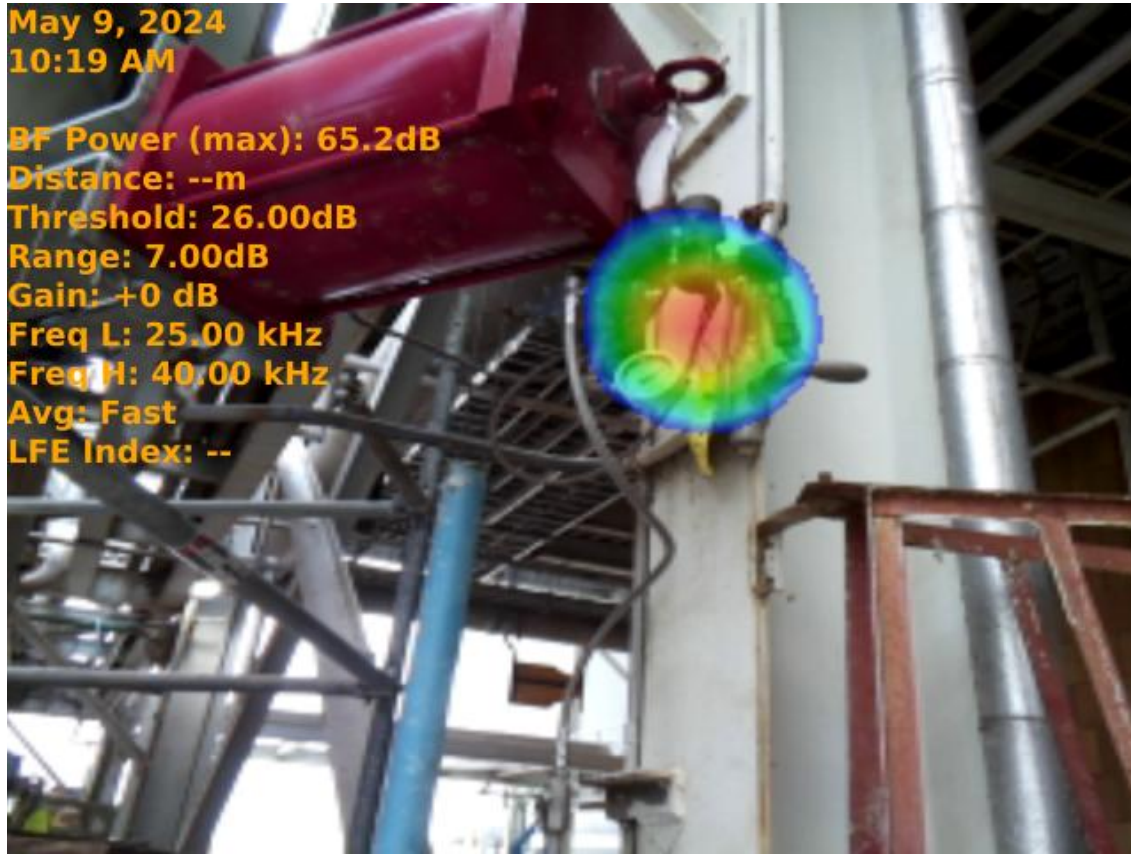
Estimated Leak Flow Rate for Point 1: 0.103 CFM | 2927.814 CCM | 0.176 CMH
Estimated Annual Loss Impact for Point 1: USD 397 - USD 486

NOTES LAST UPDATED:

LOCATION: Not Provided

NOTES:

#3165 recyc, sec fine screen feed chst, auto cv posit gauge leaks.

**File: 2024_May_9_10_19_55.jpg**

LFE Index: 0

Point dB: 65.2

Distance: DISTANCE_MODE_AUTO >3m dB

Gain: 0

Frequency Range: 40000

Image Range: 7

**Status Point 1 - 65.2 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.239 CFM | 6754.439 CCM | 0.405 CMH

Estimated Annual Loss Impact for Point 1: USD 916 - USD 1120

NOTES LAST UPDATED:**LOCATION: Not Provided****NOTES:**

#3160 recyc, thickner feed chst, sol valve dumping.

**File: 2024_May_9_10_22_55.jpg**

LFE Index: 0
Point dB: 82.4
Distance: 0.81
Gain: 0
Frequency Range: 40000
Image Range: 7

**Status Point 1 - 82.4 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.253 CFM | 7156.897 CCM | 0.429 CMH
Estimated Annual Loss Impact for Point 1: USD 971 - USD 1186

NOTES LAST UPDATED: 2024-05-17 15:53:39pm

LOCATION: Not Provided

NOTES:

#3167 recyc, fine scrn feed chst, auto cv positioner gauge.

**File: 2024_May_9_10_24_41.jpg**

LFE Index: 0

Point dB: 76.7

Distance: DISTANCE_MODE_AUTO >3m dB

Gain: 0

Frequency Range: 40000

Image Range: 7

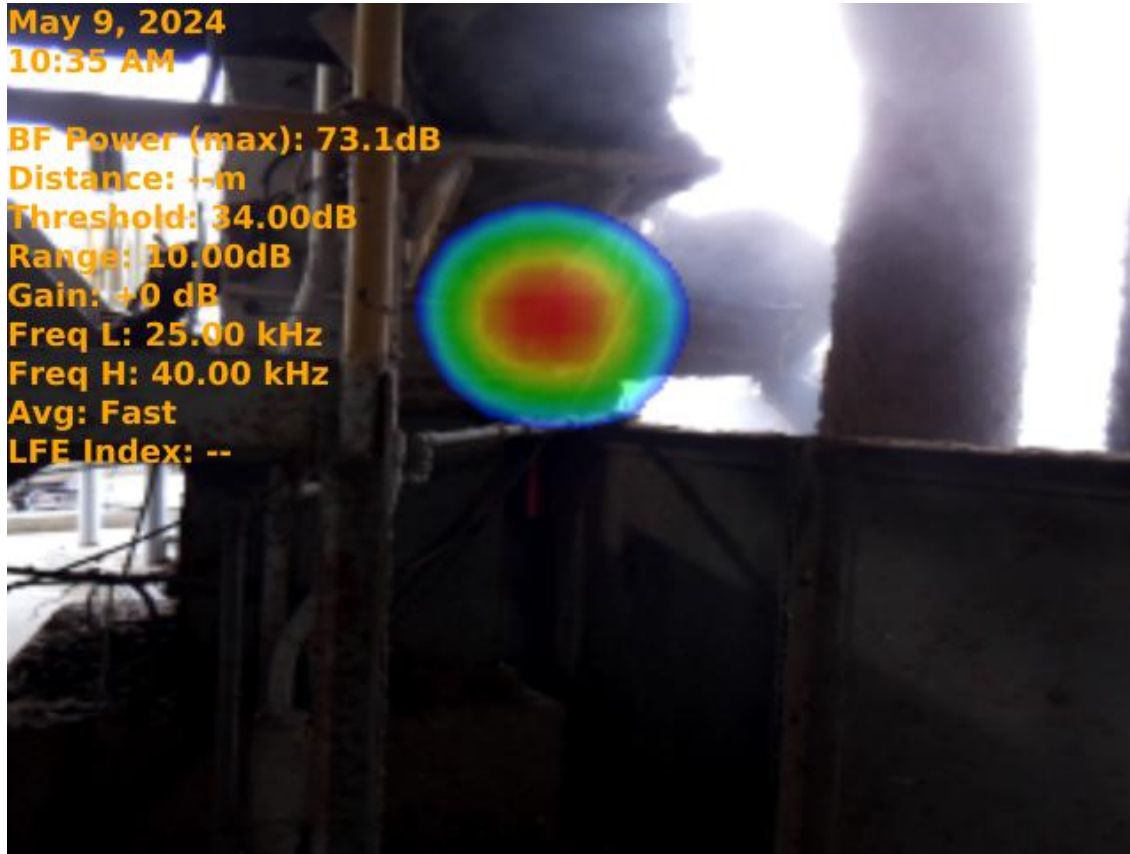
**Status Point 1 - 76.7 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.658 CFM | 18630.62 CCM | 1.118 CMH

Estimated Annual Loss Impact for Point 1: USD 2526 - USD 3088

NOTES LAST UPDATED: 2024-05-17 15:54:16pm**LOCATION: Not Provided****NOTES:**

#3166 recyc, thickner feed chst, auto cv positioner gauge.

**File: 2024_May_9_10_35_39.jpg**

LFE Index: 0

Point dB: 73.1

Distance: DISTANCE_MODE_AUTO >3m dB

Gain: 0

Frequency Range: 40000

Image Range: 10

**Status Point 1 - 73.1 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.48 CFM | 13589.915 CCM | 0.815 CMH

Estimated Annual Loss Impact for Point 1: USD 1843 - USD 2252

NOTES LAST UPDATED:**LOCATION: Not Provided****NOTES:**

#2615 recyc, 2nd floor, under plpr ragger gbx, air hose.

**File: 2024_May_9_10_41_50.jpg**

LFE Index: 0
Point dB: 85.0
Distance: 0.60
Gain: 0
Frequency Range: 40000
Image Range: 3

**Status Point 1 - 85 dB: NOT REPAIRED**

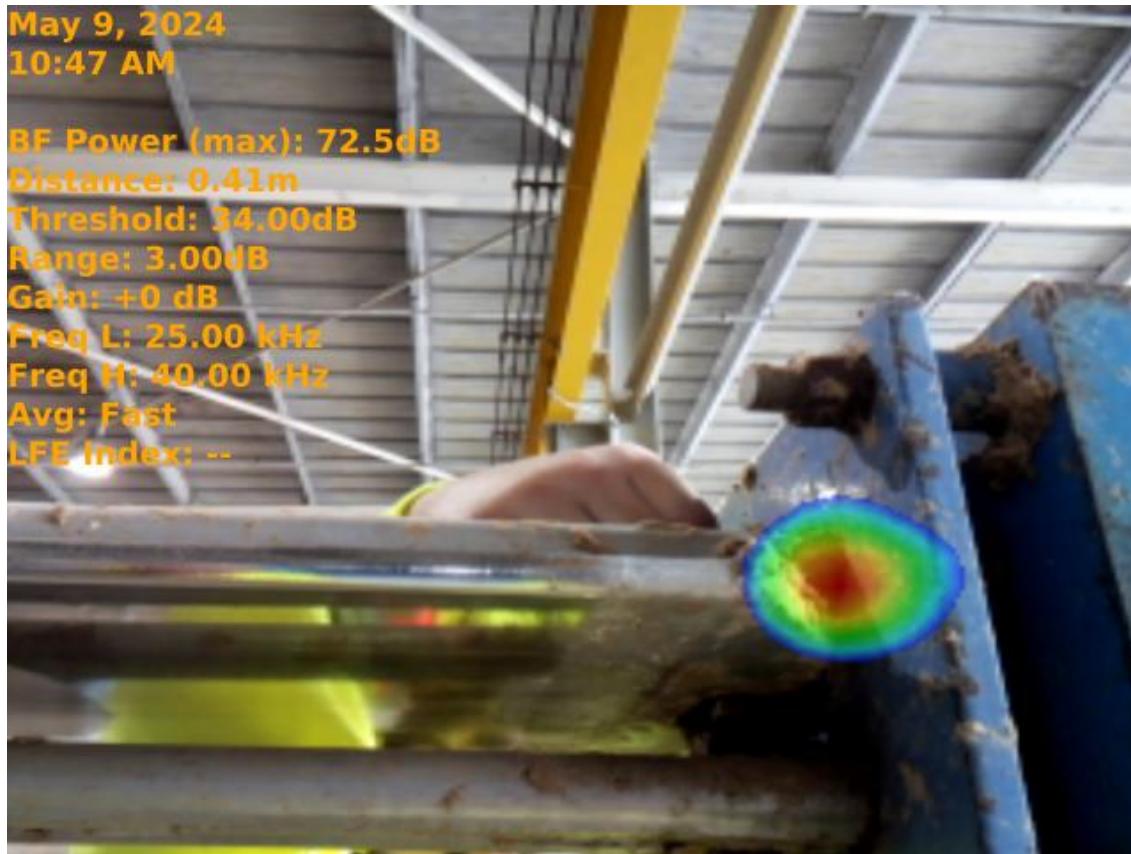
Estimated Leak Flow Rate for Point 1: 0.202 CFM | 5733.306 CCM | 0.344 CMH
Estimated Annual Loss Impact for Point 1: USD 778 - USD 950

NOTES LAST UPDATED: 2024-05-17 15:55:43pm

LOCATION: Not Provided

NOTES:

#2614 recyc, 2nd floor, beside ragger drive, pipe threads and coupling.

**File: 2024_May_9_10_47_25.jpg**

LFE Index: 0
Point dB: 72.5
Distance: 0.41
Gain: 0
Frequency Range: 40000
Image Range: 3

**Status Point 1 - 72.5 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.054 CFM | 1542.078 CCM | 0.093 CMH
Estimated Annual Loss Impact for Point 1: USD 210 - USD 256

NOTES LAST UPDATED:

LOCATION: Not Provided

NOTES:

#3168 recyc, 2nd floor, #1 primary fine screen, gate valve cyl seal.

**File: 2024_May_9_10_50_53.jpg**

LFE Index: 0

Point dB: 65.0

Distance: DISTANCE_MODE_AUTO >3m dB

Gain: 0

Frequency Range: 40000

Image Range: 3

**Status Point 1 - 65 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.234 CFM | 6635.366 CCM | 0.398 CMH

Estimated Annual Loss Impact for Point 1: USD 900 - USD 1100

NOTES LAST UPDATED: 2024-05-17 15:57:29pm**LOCATION: Not Provided****NOTES:**

#3169 recyc, 2nd floor, #2 primary fine scrn, gate valve cyl seal.

**File: 2024_May_9_10_54_02.jpg**

LFE Index: 0
Point dB: 78.2
Distance: 1.43
Gain: 0
Frequency Range: 40000
Image Range: 3

**Status Point 1 - 78.2 dB: NOT REPAIRED**

Estimated Leak Flow Rate for Point 1: 0.344 CFM | 9753.564 CCM | 0.585 CMH
Estimated Annual Loss Impact for Point 1: USD 1323 - USD 1617

NOTES LAST UPDATED: 2024-05-17 15:58:13pm

LOCATION: Not Provided

NOTES:

#3170 recyc, 2nd floor tert fine scrn, bottom of valve controller.