Adjust headphone and instrument volume to the minimum necessary for the job. Protect from hearing damage!

Reduce instrument amplification "sensitivity" as you approach leak.

Pinpoint the exact location of the leak by moving closer to the source, if safe to do so.

Sweep target area from left to right and top to bottom.

Control any background noise or sound with shielding techniques.

Locate any leaks.

Manage your reflections: Verify that the true source of the leak is being detected and that the signal is not being reflected off nearby objects or walls.

Re-adjust headphone and instrument volume if leak is nearby.

Control your measurement position.

Create a survey and document your leaks in pictures with the LEAKReporter app.

Manage repairs and evaluate costs on leakreporter.sdtultrasound.com

Check gauge for expected pressures.

Check safety policies. Check working environment for hazards. Intrinsically safe equipment required?

Review compressed air system layout/drawings.

Inspect the area, locate pipes, valves and fittings.

Equipment Check:
1. Personal Protective Equipment (PPE)
2. Ultrasound instrument
3. Headphones
4. Extended distance sensor
5. Flexible sensor
6. Parabolic sensor
7. Shielding cloth
8. Tags and marker/pen
9. Defect log
10. Flashlight

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This infographic is the result of a collaborative development project between SDT Ultrasound Solutions and LUDECA Inc - www.ludeca.com