

Tips for measurements

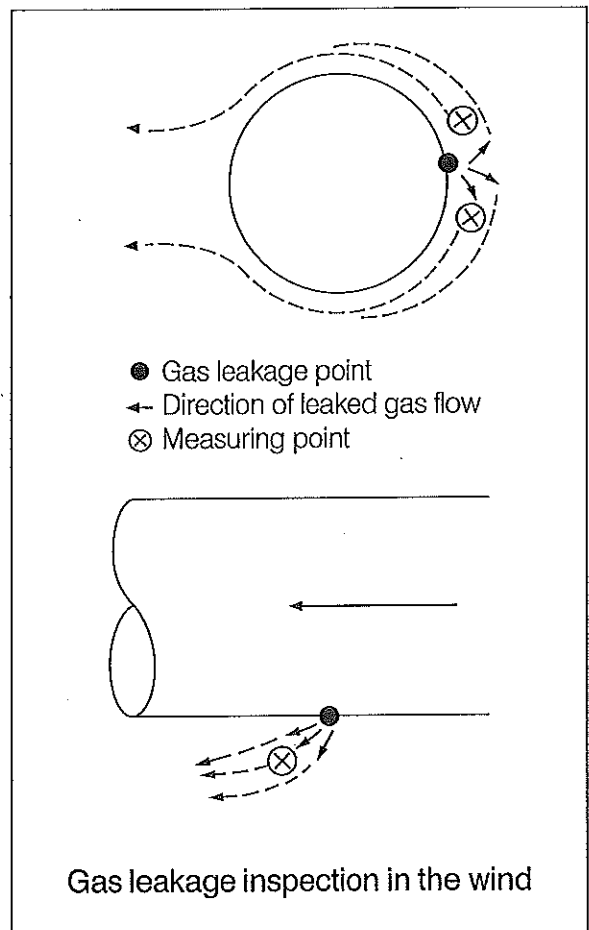
To protect operators from being exposed to possible dangers (such as oxygen deficiency, harmful gases, ignition, or explosion), adequate precautions should be taken. Here are some tips for safe and accurate measurements.

■ Sampling at closed places such as tanks or manholes

DO NOT enter closed places without confirming the safety. These places might be contaminated by harmful gases or filled with high concentration gases. First determine concentration levels in those places remotely by using an optional extension hose or probe connected to the Gastec Standard Detector Tube System. In closed places, if the substance to be measured is heavier than air, it will go down to lower levels of closed spaces, and if it is lighter than air, it will float up to upper levels. Therefore, it is recommended to measure at least three points: upper, middle, and lower levels of closed spaces.

■ Inspecting gas leakage

Confirm the direction of air flow before measurements, and be sure to stand upwind of the position that the gas leakage is suspected and start measurements from upwind to downwind. If necessary, wear a respirator or air mask for safety.



Caution: Leaked gas will be diluted rapidly by air flow. To get the precise concentrations of leaked gases, measure at the nearest possible point to the suspected leakage point.