

TRACERCO Diagnostics™ Leak Study

The use of tracer materials offer a rapid, unambiguous and accurate on-line method of detecting leaks within process vessels, heat exchangers, reboilers, vent / flare systems etc. This can greatly reduce plant down time and yield savings in operating costs.



The **TRACERCO Diagnostics™** Leak Study technology has a wide range of applications as an aid to process diagnostics and inspection. These include:

- Reboiler/condenser leaks in distillation towers.
- Leaks on banks of heat exchangers.
- Leaks through by-pass valves.
- Vent and RV leakage.
- Compressor “Ring” leakage.
- Ammonia syn gas loop and converter leakage.
- Underground leaks from pipelines.

The site requirements are a suitable injection point on the primary inlet line into which the pulse of appropriate tracer can be injected. There are two methods employed to determine leakage. One would require a sample point on the downstream line on the secondary stream from which to draw material over a short time period. These samples are subsequently analysed for tracer content. An alternative method would be to use external detectors mounted on the lines to monitor the passage of the injected tracer. Any leakage would be indicated as a “peak” on the detector mounted on the secondary stream exit line.

Call us today to discuss how we can assist in your production operations.

