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## Independent Verification for Best Performing PID

The Ion Science PhoCheck+ has received independent verification as the best performing PID by the state of Maine Department of Environmental Protection (ME DEP). Subsequent to a stringent testing and selection process between competing PID technologies, the ME DEP has standardised the Ion Science PhoCheck+ 3000 for use in all their underground storage tanks, emergency response and air monitoring applications.

The ME DEP evaluated the PhoCheck+ 3000 against its closest competitor for ease of use, speed, repeatability and linearity between concentrations. Firm evidence showed the Ion Science PID to give more consistent, clearer readings and was faster to read results.

To strengthen the ME DEP's findings, a subsequent trial was conducted to compare a PID cell incorporating Fence Electrode Technology against one equipped with Humidity Compensation. The published data proves that an Ion Science PID with Fence Electrode Technology is twice as accurate, more stable and faster than a PID with Humidity Compensation.

The data shows that when operating in changing or high humidity environments, a Fence Electrode PID is much less subject to drift, while responding and clearing out faster, resulting in much fewer non-reports.

For a copy of the published data 'An Evaluation of Competing Technologies', please contact Ion Science. Methodology of the ME DEP independent verification, with a summary of the PIDs tested can be downloaded from the following website:

<http://www.neiwpc.org/tanks09/presentations/Whittier%20PID%20Presentation%20-%20Full%20Set.pdf> .



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