

General Testing Procedures

In industrial water treatment, chemical analysis are necessary to control the treatment processes. Water treatment without control analysis would be useless and sometimes harmful. We highly recommend that daily tests be performed by the operating personnel.

Drop Count Method:

This method is based on the use of a dropper bottle from which a drop at a time of a standard solution is added to the sample until an "endpoint is reached, which is usually a colour change. The number of drops required to reach the "endpoint" are multiplied by a factor to obtain the reading in "ppm" (parts per million).

When dispersing drops from a dropper bottle, always hold the dropper bottle in a vertical position. If held at an angle, the size of the drops will vary and affect the accuracy of the test.

Always start with clean testing equipment and rinse the test vial twice with the sample to be tested prior to using it.

How to Accurately Read the Liquid Level:

A liquid in a cylinder or tube has a tendency to curve upwards, called "meniscus". Therefore the reading of a liquid level should always be made at the bottom of the curve.

Consult your ENERCON Technical Field Representative.

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