

Condensate TDS Test Procedure

Procedure:

It is imperative that the sample consists of returned condensate only, and has not been mixed with other feed water.

1. Select the proper TDS range on your meter if applicable.
2. Thoroughly rinse the electrode cup with the solution to be tested.
3. Fill the electrode cup to the ring.
4. Wait for temperature compensation to stabilize.
5. Press and hold the read button and record the TDS in ppm.

Precautions:

1. Allow time for cold and hot samples to activate the temperature compensation - approximately 1 second for every 5°C that the sample is different from the instrument temperature.
2. Do not immerse the tester in water.
3. Wipe the sample cup clean after each use.

Recommended Parameters:

Due to changes in feed water and boiler operating conditions, these recommendations must be considered as best approximations.

Steam boilers (low pressure).....Maximum 50 ppm

Interpretation of Analytical Results:

If TDS is higher than 50 ppm:

Carry over of boiler water due to priming or surging.

This will also give false, higher condensate pH readings.

Consult your ENERCON Technical Field Representative

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