

# pH Test Procedure

## Procedure:

### Test strips:

Simply dip the pH strip in the solution to be tested and match the colour on the comparator.

### pH Meter:

1. Dip the meter (probe) in the solution to be tested, up to immersion level.
2. Stir gently and wait a few seconds.
3. Record the pH reading.

### pH Meter Precautions:

1. Always cool the sample.
2. Condition the cell with the sample to be tested.
3. Make sure the pH meter is properly calibrated.

## Recommended Parameters:

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

Steam boilers.....10.5 to 12

## Interpretation of Analytical Results:

### Low pH levels indicate:

Not enough chemical in system.

Hardness break-through from softener.

High hardness levels in feed water may require an increased dosage of ENERCON caustic based chemicals.

### High pH levels indicate:

Overfeed of chemical treatment.

**Consult your ENERCON Technical Field Representative.**

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