

Chlorides Test Procedure

Procedure:

Take a 25 ml. sample.

Add 2 drops **EC-R0638** phenolphthalein

If the sample turns red, add **EC-R0686** sulfuric acid drop by drop, until the sample turns colorless.

If the sample is colorless on adding the **EC-R0638** phenolphthalein, do not add any acid, proceed to next step.

Add 5 drops of **EC-R0630** chromate indicator to the sample.

Add **EC-R0706** silver nitrate, swirling and counting after each drop, until a permanent reddish brown color results.

(Number of drops X 10) = ppm chlorides present.

Cycles of Concentration

Cycles of concentration may be approximated by the chlorides test using the following formula.

$$\text{Cycles of concentration (approx.)} = \frac{\text{Chlorides in system water}}{\text{Chlorides in raw water}}$$

Consult your **ENERCON** Technical Field Representative.

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