

AMMONIA TEST AMPOULES



DESCRIPTION

Ammonia Test Ampoules provide a safe, quick and easy method for determining ammonia concentrations in condensate from high-pressure boiler systems. A premeasured powdered reagent is vacuum-sealed inside each ampoule. When the tapered tip of the ampoule is immersed in a condensate sample and snapped off, the correct volume of sample is automatically drawn into the ampoule. By tilting the ampoule back and forth, the powdered reagent dissolves and mixes with the sample. To quantify the resulting color, compare the color of the ampoule against the colored standards.

APPLICATION AND USE

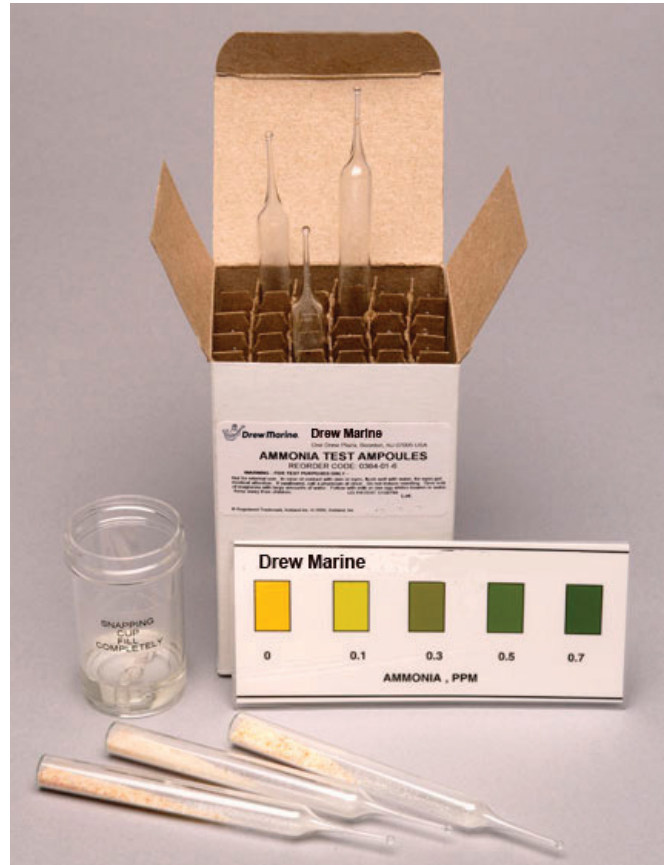
Ammonia Test Ampoules are used for testing ammonia in condensate from high-pressure boiler water systems. It is not a required test for medium- to low-pressure boiler systems.

Before testing, samples must be cooled to 25° C (77° F) by collecting through a sample cooler for safety and to prevent flashing which concentrates the sample.

See reverse side for test procedure.

Contents

- 30 Ampoules
- 1 Snapping Cup
- 1 Color Comparator Card
- Instructions



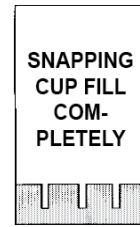
Ammonia Test Ampoules (Range 0-0.7 ppm)
(PCN 0384016)



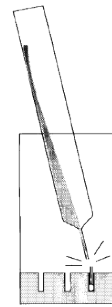
Contact your Drew Marine representative for more information

PROCEDURE

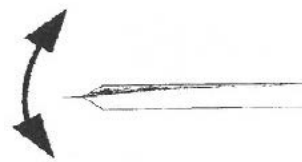
1. Fill the snapping cup completely with cooled condensate.
2. Place the tapered tip of an ammonia ampoule into one of the holes in the snapping cup. Keeping the tip immersed in the sample, break the tip by tilting the ampoule towards the opposite wall of the snapping cup and allow the ampoule to fill completely.
3. Remove the ampoule from the snapping cup. Mix the contents by inverting the ampoule back and forth several times for 30 seconds.
4. Wait 15 minutes for full color development.
5. Compare the color of the ampoule with the color standards. Record the results. The control limit is 0.5 ppm maximum.



Step 1



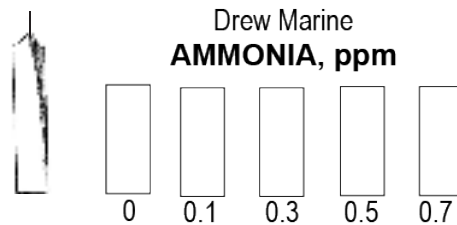
Step 2



Step 3



Step 4

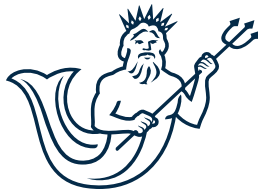


Step 5



Contact your Drew Marine representative for more information

Drew Marine maintains Safety Data Sheets on all of its products. These documents contain health and safety information for the development of appropriate product handling procedures to protect your employees. Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



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