

HARDNESS CONTROL

1. DESCRIPTION

HARDNESS CONTROL is a dry phosphate based powder used for the reduction of **HARDNESS** in boiler water system, and converts these salts in non-adherent sludge.

2. APPLICATIONS

The product is formulated to maintain an optimum phosphate level in the boiler, on these conditions calcium and magnesium **HARDNESS** salts cannot be formed, and the precipitant compounds will be easily blown down.

3. DIRECTIONS FOR USE

HARDNESS CONTROL should be dissolved in hot water (50°C); solubility of products is 100 gram/liter. Ensure treatment is fully dissolved.

For optimum results dose **HARDNESS CONTROL** direct to the boiler via the bypass pot-feeder installed in the boiler water feed line.

In low-pressure boilers **HARDNESS CONTROL** may be dosed to the hot well (condensate return tank).

4. INITIAL DOSAGE

Dosage will increase or reduced in accordance with result of **HARDNESS** and **phosphates** test.

Keep in mind the following recommended limits:

- **Hardness** value must be zero.
- **Phosphate** value 10/25 ppm for high-pressure boiler, for low-pressure boiler, 20/40 ppm.

Easy and accurate testing can be accomplished using Uni Americas' test cabinet or individual test kits. Consult your Uni Americas' Technician for more details.

BOILER WATER CONDITIONER PREVENT SCALES DUE TO CALCIUM AND MAGNESIUM SALTS

Product Highlights

- Reduction of hardness in boiler water system.
- Maintains optimum phosphate level in the boiler.

Product Characteristics

Appearance:	White powder
Corrosive action:	None
Specific gravity:	1.5(20°C)
Flash Point:	None

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clean chemicals clean ships clean seas

