

ALKALINITY CONTROL

BOILER WATER PH CONDITIONER. ALKALINITY CONTROL IS A CONCENTRATED LIQUID ALKALINE COMPOUND, TO CONDITION THE BOILER AND PREVENT CORROSION AND SCALE BUILD-UP

FEATURES & BENEFITS:

- Fast acting liquid treatment that provides the correct alkalinity on which water treatment depends
- Maintains alkalinity within optimum limits
- Assists in precipitation of hardness salts and helps condition the boiler for blowdown
- Neutralises acid condition in boiler water
- Stops silica from scale and keeps silica in suspension
- Provides optimum conditions for hardness control to function
- Assists in precipitation and blowdown of magnesium and calcium salts
- Can be tested easily by using SHERAN CHEMICALS TEST KIT ALKALINITY P & M
- Can be used as part of a fully coordinated treatment in all types of boilers with all pressures

APPLICATIONS:

ALKALINITY CONTROL is part of the SHERAN CHEMICALS fully coordinated treatment and should not be used in conjunction with a combined treatment. ALKALINITY CONTROL is added to the boiler water to maintain an optimum alkalinity level to prevent corrosion. Under these conditions, calcium and magnesium hardness salts cannot form and the precipitate can be removed by blowdown.

DIRECTIONS FOR USE:

For optimum results, ALKALINITY CONTROL should be dosed directly into the boiler via a SHERAN CHEMICALS by-pass pot feeder, installed in the boiler feed line.

INITIAL DOSAGE:

Initial dosage for untreated water is 200 ml of ALKALINITY CONTROL per ton of water. Dosages should be adjusted in accordance with the recommended P- & M-alkalinity levels. The recommended control limits are:

CONTROL LIMITS:

P-alkalinity: 100 to 150 ppm for boilers 0-30 bar

P-alkalinity: 100 to 120 ppm for boilers 30-60 bar

M-alkalinity: Less than two times P-alkalinity

Analysis is carried out using SHERAN CHEMICALS boiler water test kits.

STANDARD PACKING:

ALKALINITY CONTROL is usually available in plastic cans of 25 L and plastic drums of 200 L.