



INTERNATIONAL WATER TREATMENT SPECIALISTS

Tandex BWS Boiler Water Treatment

TANDEX BWS is a concentrated blend of organic corrosion inhibitors, dispersing agents and oxygen absorbers, specially formulated for broad spectrum boiler water.

TANDEX BWS:

- Prevents scale formation by converting precipitated hardness salts into a fine flocculent mobile sludge which is removed by blowdown.
- Stops oxygen corrosion by absorbing the residual trace of dissolved gas.
- Provides a monomolecular film on internal boiler surfaces to prevent corrosion, while not impairing heat transfer properties.
- Does not cause 'excessive dissolved solids' problems, even if greatly overdosed, as it contributes very little to T.D.S. figures.
- Does not require specialised personnel to control. Unskilled staff can easily perform the few steps to maintain correct values in the boiler.
- Is not hazardous or dusty to use or handle as it is a mild, non toxic liquid compound.
- Is extremely economical in use, being charged into raw water at a rate of 15-20 ppm (70-100 mls per 4550 litres).

DOSING METHODS

The main methods of dosing are:

1. Hand dosing to feed tank, daily or more often.
2. Drip feed to the feed tank.
3. Shot dosing by dosage pot on the feed line.
4. Positive injection dosage pump.
5. Dosage pump to feed tank or feed line.

The most desirable method is by dosage pump as this ensures that the correct values are being maintained at all times with the minimum amount of chemical. For most boilers Tannin values are maintained between 150-200 ppm.

PROPERTIES

Appearance - Dark Brown Liquid
Specific Gravity - 1.103
Flash Point - None
pH (1%) - 5.8
Solubility in water - Completely

HANDLING

TANDEX BWS is a relatively non toxic material, but repeated contact will cause drying of the skin.

PACKAGING

TANDEX BWS is packed in 15 litre and 205 litre drums.

