

# TANDEX CHEMICALS PTY. LTD.

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## TANDEX B.W.S.

## BOILER WATER TREATMENT

### DESCRIPTION

**Tandex B.W. Solution** is a concentrated blend of organic corrosion inhibitors, dispersing agents and oxygen absorbers, specially formulated for broad spectrum boiler water treatment.

### TANDEX B.W. Solution:—

1. Prevents scale formation by converting precipitated hardness salts into a fine flocculent mobile sludge which is removed by blowdown.
2. Stops oxygen corrosion by absorbing the residual trace of dissolved gas.
3. Provides a monomolecular film on internal boiler surfaces to prevent corrosion, while not impairing heat transfer properties.
4. Does not cause "excessive dissolved solids" problems, even if greatly overdosed, as it contributes very little to T.D.S. figures.
5. Does not require specialised personnel to control. Unskilled staff can easily perform the few steps to maintain correct values in the boiler.
6. Is not hazardous or dusty to use or handle as it is a mild, non toxic liquid compound.
7. Is extremely economical in use, being charged into raw water at the 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 Tandex values are maintained between 150-200 ppm.

### PROPERTIES

Appearance — Dark Brown Liquid

Specific Gravity — 1.100

Flash Point — None

pH (1%) — 6.5

Solubility in water — Completely

### HANDLING

**Tandex B.W. Solution** is a relatively non toxic material, but repeated contact will cause drying of the skin.

### PACKAGING

**Tandex B.W. Solution** is packed in 25 litre and 205 litre drums.

**TANDEX — Making Water Do What You Want**

## PROCESS WATER DIVISION



International Water Treatment Service.

The information contained herein to the best of our ability is believed to be true and correct. However, no representation, warranty or guarantee is made as to the suitability of any product for any particular application. Clients are requested to conduct their own trials to prove the acceptability of a product for their use.

SALE BY BOONYIUM&ASSOCIATES LIMITED  
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