



# HI TECH BOI CHEM B'LORE (P) LTD

Water Treatment Chemicals

## CHEMTECH 888 & 999

DESCALING CHEMICAL

### NEED FOR DE-SCALING

Scale formation inside the boiler is an important problem. It leads to several other problems such as corrosion and pitting, decrease in overall heat transfer efficiency and choking inside tubes (in water tube boilers). All these results in:-

- The decrease in the efficiency of the boiler
- Increased fuel consumption
- Decreased steam generation
- Increase in maintenance cost
- Risks of boiler accidents and unexpected shutdowns

### SOME FACTS ABOUT INCREASED FUEL CONSUMPTION DUE TO SCALE

Thickness of scale	0.5 mm	1 mm	2mm	4 mm	8 mm	16 mm	30 mm
Increase in fuel consumption due to scale	2%	4%	6%	10%	20%	40%	80%

### DESCRIPTION ABOUT THE PRODUCT CHEMTECH 888 & 999

**HI TECH BOI CHEM** proudly presents **CHEMTECH 888** which is the most efficient descaling chemical ever made. It is a unique acid based product in the form of solution that decomposes the existing hard scale from the boiler in a single shot treatment. It also prevents corrosion and pitting on boiler parts from acid attack through metal passivation.

The unique chemistry of **CHEMTECH 999** is composed of neutralizers and reactivity boosters. It permits our chemical to maintain the reactivity more efficiently along with the protection from corrosion and pitting.

### BENEFITS ON USING OUR DESCALING CHEMICAL

- Peak heat transfer efficiency is obtained.
- Minimized fuel consumption through peak heat transfer.
- Peak steam out put.
- No corrosion or pitting.
- Protective oxide film is formed over bare metal surfaces.(metal passivation happens)
- Reduces coil/tube failures and unscheduled shutdowns.
- Brings down the overall risks of boiler accidents.

## **STORAGE OF THE CHEMICAL**

It is suggested that the Chemical cans which are to be used and cans which are opened and are in use are to be stored in a covered area on a wooden pallet, away from leaky roof, under a shade, cool and guarded place. Its use as different chemical in the industry must be avoided.

## **SUPPLY OF THE CHEMICAL CHEMTECH – 888 & 999**

Our chemical is supplied in plastic cans containing 25 Kg of **CHEMTECH – 888 & 999**, which can be conveniently carried and stored. Our product is supplied all over the South and Central India. **HI TECH BOI CHEM** has established an excellent network of supply chain in major cities so that product can reach to the maximum industries and enjoy the benefits.

## **SERVICE AND TECHNICAL SUPPORT**

**HI TECH BOI CHEM** has a team of well qualified and highly trained Service Engineers who will provide you all the technical support in deciding the usage of our chemicals based on the present conditions.

Our engineers will regularly visit or contact you to guide you in regular keep up of your operations, monitoring the usage, check the stock position and arrange for the supply of the chemicals.

Our technical engineers will visit the clients on a periodic basis and will assist you in undertaking testing of the feed and blow down water, advice on the number of blow downs to be given, at your place and help you in deciding the dosage levels of water treatment chemicals – Shock dosage & Regular dosage of the chemical and also builds up a database of observations and test results so that performance evaluation will be carried out periodically.

We are just one phone call away anytime and all the time to serve all your needs for solving your entire boiler water related problems.

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### **HI TECH BOI CHEM B'LORE PVT LTD.**

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**PROVIDING YOU CARE AND SUPPORT  
EVERY TIME AND ALL THE TIME**