

CLEAN 38

Boiler Online Sludge Conditioner Descalant

Sludge

Sludge is a soft, loose and slimy precipitate formed within the comparatively colder portions of the boiler and heat exchangers. Sludge's are formed by substances which have greater solubility in hot water than in cold water, e.g., $MgCO_3$, $MgCl_2$, $CaCl_2$, $MgSO_4$, etc.

Disadvantages of Sludge Formation

- Sludge reduces heat efficiency and may cause scale formation.
- Excessive sludge formation disturbs the working of the boiler. It settles in the regions of poor water circulation such as pipe connection, plug opening, gauge-glass connection, thereby causing even choking of the pipes.

Product Description

Clean 38 is online sludge conditioner cum descalant for boilers and other equipment and a polymeric product that removes water Scales while the boiler/etc is still in working condition. It is a revolutionary product with excellent benefits in terms of economy, labour, productivity, time and product effectiveness. Clean 38 allows the user to remove scales from the boiler etc without plant shutdown and taking hassle of boiler offline descaling by making a descaling circuit and then passivation of system. Clean 38 removes scales without affecting the base metal of system.

Some of Major Benefits

1. Online removal of scale deposits.
2. No downtime required for descaling.
3. No need to create a descaling circuit.
4. Cost Effective.
5. Easy to Use.
6. Saves labour
7. Does not affect productivity.

Applications

- ◆ Boilers
- ◆ Any equipment having sludge and water scale.

Specification

Chemical : Organic Chemical Compound **Form** : Liquid/Powder **Specific Gravity** : 1.1 – 1.3
pH : 2-8 (Low And High) **Solubility** : Completely Soluble in water

Dosage

The amount of Clean 38 required to perform depends upon boiler or other equipment, the amount of scale and boiler operating conditions. The specific dosage rates and method will be specified by the CCE technical representative.

Storage & Handling

Clean 38 should be stored in an air tight container away from direct heat. Always store at cool & dry place.

Information in this publication, are given to the best of our knowledge, and may be amended without notice.



CLEAN CHEM & ENGINEERS

AN ISO 9001:2015 CERTIFIED COMPANY

770/7, Zaidi Nagar Society, Shergarhi Road, Meerut- 250 002 (India)
Contacts : 0121 2701746, 9412202920, 8979322920, FAX : 0121 2701506
e-mail : cleanchem1986@hotmail.com; cleanchem@rediffmail.com,
chauhan.murtaza@gmail.com

www.cleanchemgroup.com