

From the editors desk

Chemcleanzio is constantly innovating systems, techniques, mechanisms to allow us to better handle the problems our clients face. This month my articles are focused on two problems : Fin fan cleaning and Predictive cleaning against proactive or reactive cleaning. I hope these articles seem interesting to you. As always, I welcome your feedback. Please write to me on newsletter@chemcleanzio.com; for any feedback or comments

- Regards, Shilpi Gandhi -Khutale

Clients Added



Online Fin-Foam Cleaning

Fin Fan exchangers are liable to atmospheric fouling that can quickly become blockages within the fin fan units. Ensuring that your *Fin Fans* are running efficiently means that the rest of your plant system can perform effectively. Our in-house developed mechanism of **foam cleaning** proves more effective and efficient compared to traditional fin cleaning methods for the following reasons :



Foam Cleaning Equipment

1. **Online Fin Fan** Cleaning by alternating fans means **No Production Loss**
2. Cleaning of the tube exteriors will not require entry into the shrouds.
3. No damage to tubes by personnel entering the shrouds and walking on the aluminum fins.
4. No damage by improper use of high-pressure water, which may bend the aluminum fins.
5. Deep cleaning of the interiors of the tube banks that cannot be done in a water wash.
6. Foam expands to coat and clean entire surface area – removing all debris and corrosive elements

Need a quotation for this service ? Just email : enquiry@chemcleanzio.com or call +91-9323909900

Team Added

No recruits this month.

Orders Executed in This Month

- Chemical Cleaning of Graphite Heat Exchangers at a Chemical Plant
- Alkali Boil out of Boilers at a Refinery
- Chemical Cleaning of SS Pipelines at a Pharmaceutical Plant
- Bath Pickling of MS Pipes at a Pipe & Tube Company
- Pre-commissioning Cleaning of Pipeline at a Steel Plant

Predictive Maintenance

Every business owner wants to increase production while reducing expenditure. In production plants, maintenance is about avoiding emergency critical path situations. Maintenance is wide concept and typically involves two types: proactive and reactive. Proactive maintenance is a maintenance strategy for stabilising the reliability of plant. Its central theme involves directing corrective actions aimed at the root causes of failure, not active failure symptoms, faults or machine wear.

Reactive maintenance is a form of maintenance in which equipments or machines are repaired only in response to breakdown or fault.

We emerge a new concept : **Predictive Maintenance** : Predictive Maintenance is the techniques which help to determine the condition of in-service equipment in order to predict when maintenance should be performed. This approach offers cost savings over routine or time based preventive maintenance, because tasks are performed only when necessary.

So how do we ascertain whether an Equipment requires cleaning?

ChemCleanzio Thickness and Scale Gauge can ascertain the amount of scale deposits. So we do not need to wait for completely choked tubes before scheduling maintenance. Partly choked tubes can be quickly cleaned using chemical compositions and non mechanical methods. Mechanical methods such a drilling / water jetting are time consuming and impact the production by longer schedules

Have a problem ?? Call us today : +91-9323909900 or email us at enquiry@chemcleanzio.com

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Equipments Added

- HACH Online Particle Counter
- 10 HP PP Pumps – 2 Nos
- 0.5 m3 HDPE Tank – 1 Nos
- 180 bar – Karcher Hydro jetting Machine : 1 Nos
- 260 bar - Karcher Hydro jetting Machine : 1 Nos

On enquiries for hiring our equipments :

All our equipments are available on hire. For details please contact : enquiry@chemcleanzio.com or call +91-9323909900

Upcoming :

Would you like us to cover any specific topic, please let us know. Next month, we will carry an article on

Oil Flushing with Online Particle Counter upto NAS 5

