



AIR COOLED HEAT EXCHANGERS TREATMENT

CONCEPT TECHNOLOGIES Group

SAFE - EFFICIENT - ECONOMICAL



FOAM TREATMENT OF ACHE

ACHE efficiency depends on:

- Airflow through the cooler banks.
- Radiation index of the fins.

External fouling of ACHE can significantly degrade its efficiency.

In most cases the contaminants are:

- Airborne dust, fuzz, limestone particles and mineral deposits.

Periodic foam treatment of aerial coolers can greatly enhance its cooling efficiency.

Concept Technologies low pressure foam treatment provides a safe, economical and convenient option for decontamination of air cooled heat exchangers.



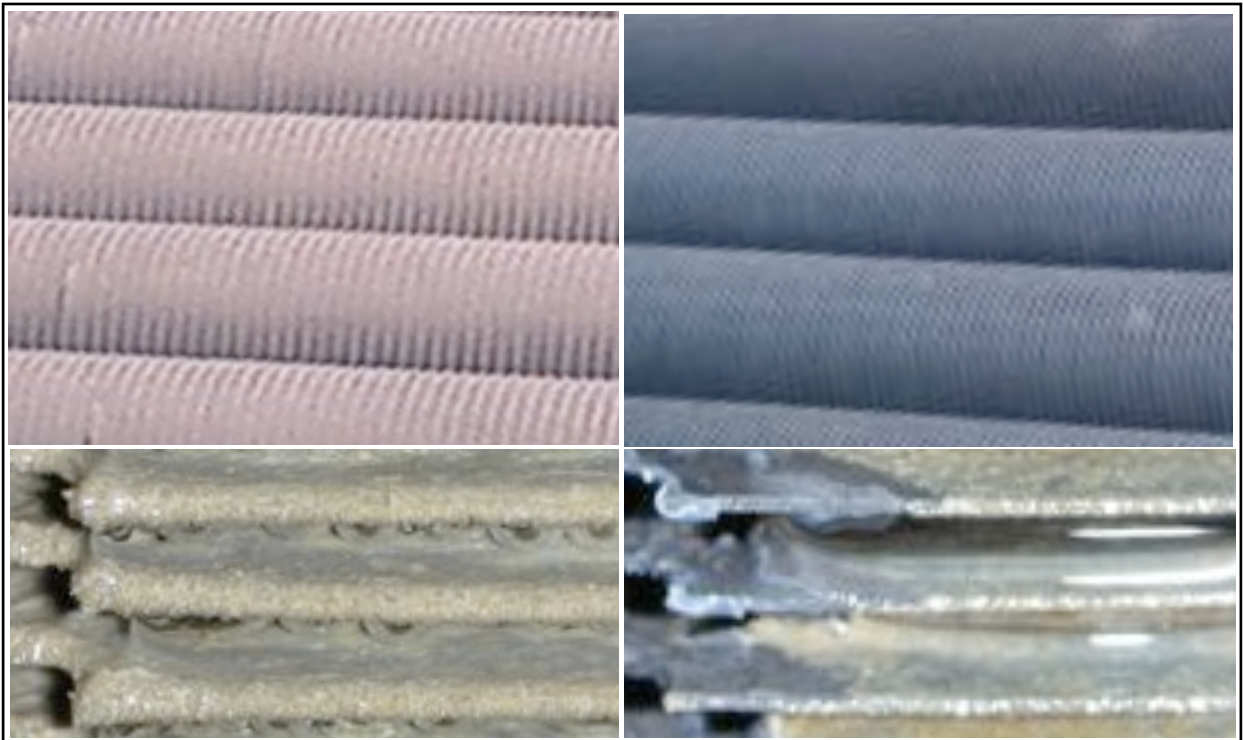
Concept Technologies foaming system generates a foamed chemical solution with varying:

- Foam Density

- Foam Structure & Integrity

- Foam Wetness

The flexibility in controlling the chemical foam properties ensure that the treatment can be tailored for any application, soil type and/or region.



Benefits of Foam Treatment

- Foam dynamics eliminates channelling
- Thorough decontamination of fins
- Eliminates fin damage
- Can be done outside of plant shutdowns
- Increased safety for personnel, equipment & environment.

CHEMICAL FOAM TREATMENT

of ACHE presents many advantages over water washing, high pressure jetting, CO2 and soda blasting.



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