ESSENTIAL CHEMICAL

Scale Destroyer Evaporator Condenser Cleaning Procedure:

Evaporative condenser cleaning is essential for maintaining optimal efficiency in cooling systems. When scale builds up on heat transfer surfaces, it hinders the condensation process of refrigerant gas, leading to inadequate cooling and increased energy costs.

1. To ensure effective cleaning, begin by shutting off the water supply to the unit. Next, measure and add the specified amount of ***Essential Chemicals Scale Destroyer*** to the reservoir. (Depending on scale build-up) an average feed rate would be 30 gallons on Scale Destroyer CaCO3 per 100 tonnages of cooling.

2. Once added, activate the circulating pump to allow the descaler to flow through the system, targeting the scale deposits in the headers and spray nozzles. This action ensures that the ***Scale Destroyer*** interacts with the scale, breaking it down into a manageable solution. After a few hours, the system can be drained, followed by a thorough water flush to eliminate any remaining residues.

3. Once completed, the unit can be returned to service, operating efficiently and effectively without the burden of scale buildup. Regular maintenance using the ***Scale Destroyer*** will prolong the life of the equipment and enhance performance.

4. Contact Essential Chemicals technical team regarding specific questions that maybe not be answered here or scale build-up issues that are uncommon. We provide free testing of your scale or deposit issues.
5. Access the scale buildup. Visually inspect the condenser to gauge the thickness and extent of scale accumulation. Once scale build-up is determined it may require a stronger concentration feed rate.