DESCALING
STEEL WIRE COIL & PLATE

STEEL WIRE COIL AND PLATE CLEANING

This industrial process can be accomplished by using Scale Gone 35 at 1 to 6 or 1 to 8 parts water in a hot tank at 175 to 200 F.

Suspend the steel wire coils or plates in the hot solution and check at hourly intervals for rust and scale removal. When clean, remove from tank and submerge in a tank of water to remove all acid residues. If over cleaned and black oxide forms on the steel surface, dip into a caustic tank then back to hot water to loosen and remove it.

When the tank activity is low and the time to derust steel is too long, spike the tank with more Scale Gone and continue cleaning.

For economy in use the tank can also be reactivated with hydrochloric acid added below the bath surface. Due to the chemistry involved the hydrochloric acid is reacted to stable nonvolatile salts and releases the Scale Gone to continue cleaning.

There will be **no corrosive fumes** from the cleaning solution even when hot. This prevents toxic fumes in the work place, but still requires protection for the personnel when they handle the mineral acid. This is only recommended where it is not economically possible to clean with Scale Gone and mineral acid economies are required for the application.