

Electrocoagulation

Water Recovery and Reuse

General Electrocoagulation

Industry Applications

Any wastewater stream where one wishes to separate solids

Electrocoagulation - Sustainable Technology for the Future

Electrocoagulation is the distinct economical and environmental choice for meeting wastewater treatment discharge standards and compliance requirements.

NEW TIMES DEMAND MORE EFFECTIVE TECHNOLOGY

Electrocoagulation is a patented process that allows the maximum amount of treatment for the minimum amount of cost that far exceeds traditional electrocoagulation processes.

Key Applications:

- Car/Truck washing
- Ground water cleanup
- Process rinse and wash water
- Potable water
- Sewage treatment
- Cooling towers
- Radioactive isotope removal
- Pretreatment for reverse osmosis, ultra filtration, nanofiltration, photocatalytics
- Water reuse resulting in zero discharge
- Metal recovery
- Influent quality water control

Capabilities

- Removes heavy metals as oxides that pass TCLP
- Removes suspended and colloidal solids
- Breaks oil emulsions in water
- Removes fats, oil, and grease
- Removes complex organics
- Destroys & removes bacteria, viruses, and cysts

Benefits

Low capital costs
Low operating costs
Low power requirements
No chemical additions
Low maintenance
Minimal operator attention
Treats multiple contaminants in one pass
Consistent and reliable results
Sludge minimization
Water reuse - resulting in zero discharge



600 GPM Unit



50 GPM Unit