

Hexavalent Chromium Removal



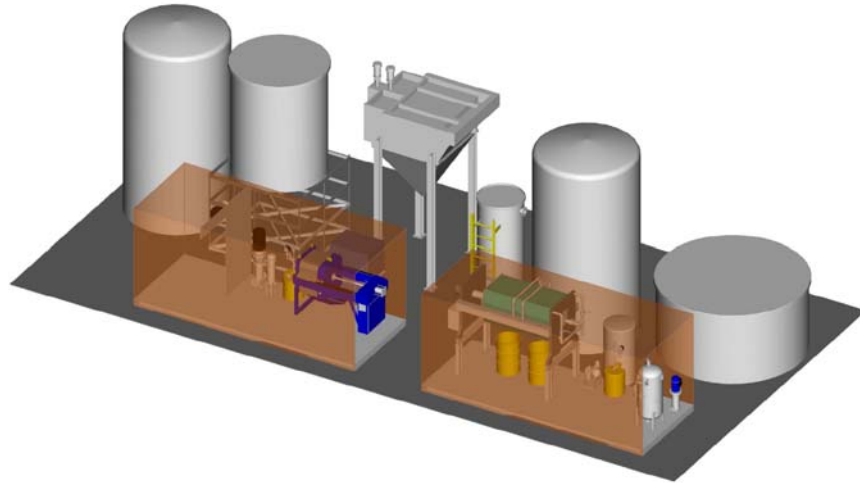
AVANTech
INCORPORATED

Technology

Solutions

Experience

*Integrated System
Provides Effective
Chromium Removal
and Packaging*



Pressurized Electrocoagulation system efficiently reduces Cr-VI to Cr-III while producing dewatered waste that meets TCLP and municipal landfill criteria.

FEATURES

- ✓ Skid/ trailer/ container mounting
- ✓ Electrocoagulation Technology
- ✓ Multiple solids removal technologies
- ✓ Automated controls with data logging

BENEFITS

- ✓ Quick installation / startup
- ✓ Eliminates need for precipitation chemicals
- ✓ Mitigates system transients
- ✓ Improved product quality
- ✓ Unattended system operation

OPTIONS FOR IMPLEMENTATION

AVANTech offers a variety of implementation options and services to accommodate client needs; these options include the following:

- Purchase
- Short & Long Term Leasing
- Experienced engineers and trained operators available to support system design and operation



Electrocoagulation Unit



Hexavalent Chromium Removal

PERFORMANCE FACTORS

- Standard flow rates from 50 to 500 gpm
- ~ 99.5% Chromium Removal
- Typical sludge generation rate of 10 ft³ per MMgal
- Supports 24/7 operation. No downtime required for backwashing, regeneration or chemical cleaning
- No secondary liquid waste requiring discharge or offsite treatment
- Destroys & removes bacteria, viruses & cysts
- Compatible with a wide array of contaminants, including fats, oils and grease.
- EC enhances sludge dewaterability and eliminates hazardous characteristics
- HMI mimic screens aid operator understanding and minimizes training time

PILOT SCALE DEMONSTRATION

- ✓ Verify treatment system compatibility
- ✓ Verify Component Performance
- ✓ Qualify and Optimize System Parameters
- ✓ Create Basis For Guaranteed Performance



Onsite Testing Available

WE'RE AVAILABLE

For additional information on this and other AVANTech products and services, please contact us at the office nearest you or at our web site.

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