



## Hexavalent Chrome - Compliance

Chrome plating manufacturing operations utilizing hexavalent chrome are complex due to the plating chemistry as well as the various environmental and health and safety regulatory obligations resulting from the manufacturing processes. Due to the many chemicals used in the chrome plating process, various wastes or process streams will require strict control, treatment, and management including air emissions, industrial wastewater, and solid and hazardous wastes. As such, chrome plating facilities are regulated under numerous federal, state, and local environmental statutes that require accomplished environmental personnel to properly manage.

BB&E's staff of environmental professionals have the requisite project experience to assist chrome plating facilities in all aspects of environmental compliance. Specifically, BB&E personnel have proven environmental compliance experience in the following areas:

- The permitting, testing, monitoring, and reporting associated with the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks (Rule N) for Plating and Polishing Operations (Rule 6W), and for Halogenated Solvent Cleaning (Rule T).
- Resource Conservation and Recovery Act (RCRA) violations that are typically associated with chrome plating facilities, and returning facilities to compliance by addressing violations and monitoring progress.
- Preparing RCRA-required plans such as Hazardous Waste Contingency Plans and Hazardous Waste Management Plans.
- Reporting to local publicly owned treatment works (POTW) associated with indirect discharge.
- Applying for permit coverage under the National Pollutant Discharge Elimination System (NPDES) permitting program for industrial activity.
- Preparing Storm Water Pollution Prevention Plans (SWPPPs) to comply with NPDES permit requirements, and assisting in identifying non-storm water discharges to the storm sewer system.
- The chemicals used in chrome plating processes and assisting with Emergency Prevention and Community Right-to Know Act (EPCRA) hazardous chemical inventory reporting.
- Conducting third-party, objective environmental compliance audits.



### Specialized Experience:

- ✓ Air permits
- ✓ Air Monitoring
- ✓ Wastewater Discharge Permits
- ✓ RCRA Compliance
- ✓ Hazardous Waste Management Plans
- ✓ Hazardous Waste Contingency Plans
- ✓ NPDES Permits
- ✓ Industrial Wastewater Treatment
- ✓ EPCRA Reporting
- ✓ Environmental Compliance Audits

For additional information or to speak to someone regarding BB&E's environmental capabilities, please contact Mr. Aaron Etnyre at 248.489.9636 x303, or email [aetnyre@bbande.com](mailto:aetnyre@bbande.com)

