Regulations on Hexavalent Chromium electroplating aren’t the only reason to convert to TriCOL™ decorative plating processes. The performance benefits of trivalent chromium electroplating and waste treatment cost reductions are also significant drivers to switch.

**Key Performance Benefit:** Our Tricol processes provide a burn-free, high current density plating range -- so no more worrying about burning the edges of your parts if you need to crank up the current. Now you can get excellent chrome coverage in recesses or other challenging low current density areas without high current density burning.

**Reduced Waste Treatment Time & Cost:** Waste treatment of a TriCOL trivalent chromium plating solution can be done in one step rather than the 3 steps typical of a hexavalent chromium plating solution. This saves a significant amount of time and money and generates a small fraction of waste sludge compared to hexavalent solutions.

**Trivalent Chromium Plating**
- Contains 2.8 opg Chromium
- ONE STEP
  - Chromium 62 lbs
  - Calcium Hydroxide $53
  - F006 Waste Sludge 334 lbs
  - Total Cost $53

  **$2,756 Cost Per Year**

**Hexavalent Chromium Plating**
- Contains 21 opg Chromium
- THREE STEPS
  - Chromium 500 lbs
  - Sodium Bisulfite $627
  - Sulfuric Acid $131
  - Calcium Hydroxide $440
  - F006 Waste Sludge 3,036 lbs
  - Total Cost $1,243

  **$64,636 Cost Per Year**

*Per Week based on 85% Recovery * Values based on 2,200 gallon decorative chromium plating solutions

For more details, go to www.ColumbiaChemical.com