

R.T. Patterson Company, Inc.

Engineers and Consultants

CLIENT

LS-II Electro-Galvanizing Company
Columbus, Ohio

PROJECT

Electrolytic Galvanizing & Coating Facility

PROJECT SCOPE

The project was to install a 300,000 ton/year continuous electro-galvanizing and paint line with associated support facilities on a Greenfield site to include the following:

- Pre-Engineered Building
- Building Services & Support Facility
- Continuous Electrolytic Galvanizing & Coating Line
 - Coil Handling
 - Entry Coil Preparation
 - Coil Cleaning
 - Vertical Looping Towers
 - Plating Cells & Polishers
 - Prime & Finish Coaters & Ovens
 - Inspection Facilities
 - Terminal Equipment
 - Coil Shipping Facilities
- Fully Automated Control System w/ three levels of computer control
- Electrolyte Supply System (Chemical Plant)
- Water Treatment Facility
- Cooling Water Distribution System w/ Cooling Tower
- Power Distribution System
- Roadways & Railway
- Chemical / Metallurgical / Lab
- Shipping Facilities
- Computer and Control Rooms



PROJECT SCOPE (Cont.)

- Building Ventilation System
- Administration Building
- Site Preparation
- Process Fume Exhaust Systems
- Paint Mixing & Storage Facilities

RTP SCOPE OF WORK

RTP performed the construction engineering and design for the majority of the project. Engineering services included:

- Feasibility Study
- Permit Engineering
- Project Engineering
- Design Engineering (Civil, Electrical & Piping)
- Construction Assistance
- Instrumentation Engineering
- Specification Writing
- Estimating
- Construction Assistance
- Check-Out and Start-Up Assistance



Project Value: \$205 Million