

# R.T. Patterson Company, Inc.

## Engineers and Consultants

### CLIENT

Wheeling-Nisshin, Inc.  
Follansbee, West Virginia

### PROJECT

Hot Dip Galvanizing Facility

### PROJECT SCOPE

The project was to install a 250,000 ton/year Hot Dip Galvanizing Line with associated support facilities adjacent to the original 270,000 ton/year facility. Included in the scope:

- Pre-engineered building and waste water treatment
- Building services and support facilities
- Hot Dip Galvanizing Line
  - Coil Handling
  - Welder
  - Horizontal looper
  - Continuous annealing furnace
  - Aluminum/zinc pot
  - Air wiping system
  - Cooling tower
  - Skin pass mill
  - Tension leveler
  - Chemical treatment & printer
  - Exit looper
  - Electrostatic oiler
  - Tension reel and bander
- Automated Control System
- Water Distribution System
- Power Distribution System
- Chemical System
- Pulpits, offices, sanitary stations



### RTP SCOPE OF WORK

RTP provided the facility engineering for the installation of the project, including:

- Development of facility installation design
- Design Engineering (Civil, Electrical, Mechanical, Piping & Instrumentation)
- Major installation specifications
- Bid reviews
- Estimating
- Scheduling
- Construction Assistance



**Project Value: \$120 Million**