

# R.T. Patterson Company, Inc.

## Engineers and Consultants

### CLIENT

Magnetics Division of Spang & Co  
Canton, North Carolina

### PROJECT

New Ferrite Facility

### PROJECT SCOPE

Phase I of the project was to assist the client with the technical due diligence during the site selection phase of purchasing an existing facility to expand their ferrite operation. Two facilities were examined with one being selected and ultimately purchased.

Phase II consisted of the installation of the facility including new ferrite presses, kilns, grinders, electrical upgrades, and utility upgrades. The facility produces parts utilized in the electronics industry.

### RTP SCOPE OF WORK

RTP provided the following engineering services:

- Technical Due Diligence
- Environmental Phase I Reports
- Project Scope Development
- Project Appropriation Estimations
- Project Scheduling
- Environmental Air Permits
- Environmental Water Permits
- General Arrangement & Layout Drawings
- Harmonic Analysis & Filter Design
- Coordination with Local Utility
- Structural Steel Design Drawings
- Foundation Design Drawings
- Process and Utility Piping Design Drawings
- Electrical Design Drawings
- Ventilation System Design
- Project Management



**Project Value: \$29 Million**