

# R.T. Patterson Company, Inc.

## Engineers and Consultants

### CLIENT

UHDE Corp of America  
US Steel- Granite City Works, IL

### PROJECT

Coke Battery Quench Tower FEL3

### PROJECT SCOPE

To provide installation engineering services involving foundation and structural design for a new primary quench tower, associated flue and settling basin and primary quench tower mechanical strainer building. Also included are utility piping and electrical/instrumentation design from take over points to the process equipment.



### RTP SCOPE OF WORK

RTP provided the following installation engineering services:

- Field investigations
- Project Management Services
- Preparation and maintenance of project schedule and budget
- Dismantling and relocation drawings and specifications
- Foundation design drawings
- Structural steel design drawings
- Process and utility piping design and installation drawings
- Electrical design and installation drawings
- Instrumentation design and data sheets
- Preparation of installation specification packages
- Construction assistance



**Project Value: \$28 Million**