

## ELECTRICAL ENGINEERING

### JAMES E. HODGE III, P.E. – ELECTRICAL ENGINEER

#### HODGE ENGINEERING



**James Hodge** has extensive experience as an owner/partner/manager of engineering design firms. Experienced as a Client Manager and as Project Manager and Project Engineering he is comfortable managing building design and managing design-build of commercial, institutional and industrial facilities.

Project: Total project management, design team leader, major project planning, scheduling and staffing, construction management and inspections, project cost estimating, and quality assurance

System Design: Electrical power distribution, lighting, fire alarms, instrumentation, programmable controller, grounding, process control systems. Heat tracing, heating, air conditioning, energy conservation, controllers, specifications and project cost analysis

#### **Relevant Experience**

##### **Scapa** – Knoxville, Tennessee

- Project Management
- Worked with client during active production for fast-tracked equipment connections to meet scheduling requirements, maintaining budget, avoiding pauses in production and by collaborating with owner and other disciplines regularly to avoid miscommunication.

##### **Materials and Chemistry Laboratory (MCL)** – Oak Ridge, Tennessee

- Project Management
- Electrical design for new 600A, 480/277m, 30, 40W service entrance to laboratory spaces.
- Power distribution designs to building systems such as; Panels and future laboratory equipment

##### **Teledyne Brown Engineering VAR**

- Project Management
- Electrical team developed site plan and details for an new service entrance
- Provided Arc Flash study analysis to determine available short circuit current

##### **FICOSA**- Cookeville, Tennessee

- 260,000 SF Auto Parts Manufacturers Plant and Process systems design

##### **Loudon Electric Utility Work Center** – Loudon County, Tennessee

- Offices and Warehouse
- Truck Fueling Systems
- Project Management and Electrical Engineering

##### **H.T. Hackney** - Paducah, KY

- 156,000 SF Building with 22,000 SF Compartmentalized freezers.
- Fueling System and Truck Repair
- Project Management and Electrical Engineering

#### Education:

Bachelor of Electrical Engineering, University of Tennessee

#### Registration:

Tennessee