

CAPABILITY STATEMENT

CORE COMPETENCIES

We work collaboratively with our clients to provide them excellence in a wide range of engineering services – utilizing chemical, electrical, mechanical, and structural engineers and technicians who are experts in their respective fields. We support our clients to solve a wide range of critical engineering problems.

General

- o Process Design (Multi-Disciplinary) & Project Management
- Engineering & Technical Staff Augmentation

Chemical / Process

- o Process Information Development & Documentation
- Process Hazard and Risk Analysis (PHA / QRA / PRA)
- o Integrated Safety Analysis (ISA)
- Safety Instrumented System (SIS) Design & Implementation
- O Process & Instrumentation Diagram (P&ID) Development
- o Alarm Management & Rationalization

Mechanical

- Drafting & 3D Modeling / BIM / 3D Laser Scanning
- o Piping, Equipment, & Instrument Specification
- o Pressure Vessel & Machine Design
- Relief Device Sizing
- Piping Design, Layout, & Stress Analysis
- o Building Ventilation & HVAC Design
- Fire Protection System Design & Evaluation

Structural

- Structural & Seismic Assessment
- Equipment Support & Anchorage Design
- Containment Structure Design
- o Access Platform, Stairway, & Ladder Specification
- o Industrial Building Design
- Blast-Resistant Structure Design

Electrical

- Control System & Power Design
- o Arc Flash Studies & Mitigation

Integral Engineering Group

ABOUT US

Integral Engineering Group is a womanowned small business (WOSB) owned and managed by engineers that focuses on offering best-in-class, multi-disciplinary engineering design services to the commercial chemical, specialty chemical, petrochemical, refining, nuclear, energy, and manufacturing industries.

NAICS CODES

541330 Engineering Services

541340 Drafting Services

541690 Other Technical Services

561320 Temporary Staffing

VENDOR CODES & DESIGNATIONS

UEID: FDY2YZ7NCKE3

❖ DUNS: 116938967

❖ CAGE CODE: 883M9

❖ FACILITY CODE: 16606

CUSTOMERS

- ***** BWX Technologies, Inc.
- Johnson Controls Federal Systems
- Tennessee Valley Authority (TVA)
- ExxonMobil Corporation
- ❖ BAE Systems Ordnance Systems
- Y-12 National Security Complex
- Pantex Plant
- Vacuum Technology, Inc.
- ❖ Air Force Global Strike Command
- Ultra Safe Nuclear Corporation

CERTIFICATIONS







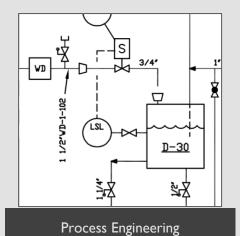


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Mechanical Engineering

Structural Engineering

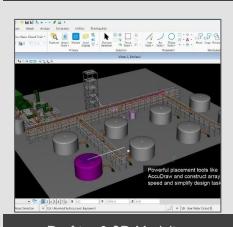




Electrical Engineering

Instrumentation and Controls

Piping Engineering





Drafting & 3D Modeling

Training

Staff Augmentation