



## Industrial and Specialty Design Services

SBM has experience designing systems for industrial and specialized facilities. Our goal is to create reliable, efficient, and maintenance-friendly systems. We have created designs for a variety of applications:

- Research Laboratories
- Clean Rooms
- Chemical Manufacturing Facilities
- Indoor Growing Facilities
- Food & Drink Manufacturing
- Animal Enclosures

### Specialized System Design

Industrial and specialty clients often require designs for one-of-a-kind systems tailored to their specifications. SBM takes pride in understanding client needs, working within budget, and using creative problem solving to provide the best possible designs for these situations. Examples include:

- 3D process piping designs from process and instrumentation diagrams
- Large multi-service electrical distribution systems
- Wiring and pathways necessary for control of motors and instrumentation
- Static grounding systems
- Lighting for industrial applications
- Robust mechanical designs with built-in redundancy and reliable controls
- Energy studies and audits to find savings opportunities
- High purity lab and process water systems
- Storage tanks for high hazard fire suppression systems
- Bulk storage secondary containment systems
- Existing system documentation
- Commissioning of systems

### Hazardous Materials Experience

Many chemical processes use flammable materials requiring electrical installations to be classified for hazardous locations. SBM has experience identifying the necessary hazardous location boundaries based on NFPA and building codes. We also take into consideration the phasing and installation methods that may be required in facilities where hazardous materials are used.

### Next Steps

Contact us for a free initial consultation to see what SBM can do for your facility. We will be happy to talk about your needs to determine what your options may be. Together, we can form a partnership to ensure your specialized project has the best possible systems.