

**Omega**<sup>TM</sup>  
CONSULTANTS



# Engineering enables your project vision to come to life.

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Electrical Engineering • Power Engineering  
Instrumentation Design • Technical Staffing  
Project Management

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[www.theomegaconsultants.com](http://www.theomegaconsultants.com)  
813.363.7651



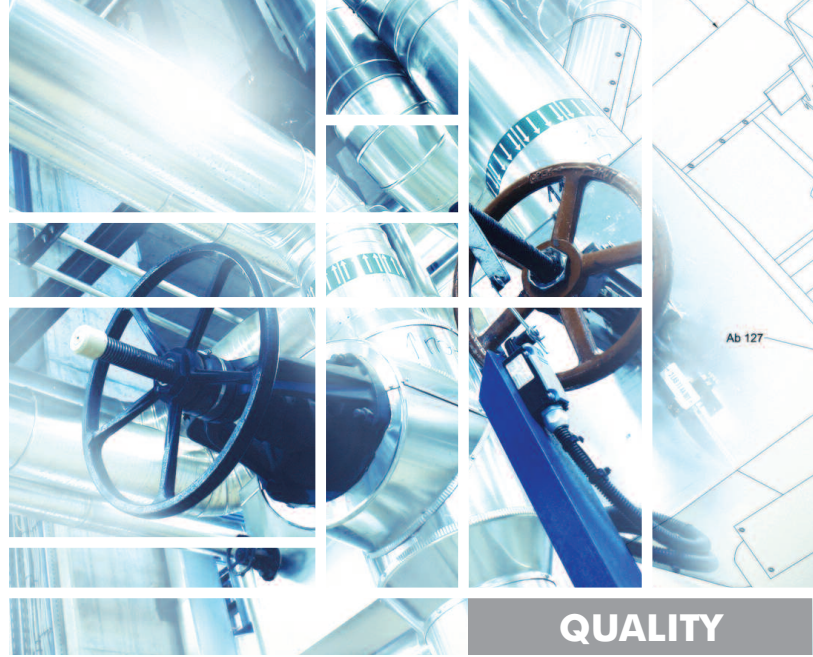
# what we do

Established in 1986, Omega Consultants is a leading engineering company providing **Electrical and Power Engineering, Instrumentation Design, Project Management and Technical Staffing.**

We engineer simple solutions that meet the complex needs of our clients. **Efficiency, reliability, and practicality** are at the core of our philosophy with workplace safety, dependable system performance and a comprehensive project view acting as our guiding principles.

Our team of talented engineers is well positioned to help our clients meet and exceed their business goals by providing practical, efficient solutions to immediate needs while uncovering opportunities for the future.

We have a reputation for **technical knowledge, rigorous safety standards,** and a depth of experience allowing us to provide a high level of quality service.



## Electrical Engineering

- One-Line Diagrams
- Motor Schematics/Wiring Diagrams
- Circuit Breaker Panel Design
- Complete Concept Drawings with Proposals
- Conduit/Cable Tray Layouts & Elevations
- System Layout Drawings
- Motor Control Center - MCC/MVC
- Lightning Protection Systems (NFPA 780)
- PLC Panel Layout & Connection Diagrams
- Identification of Potential Hazards
- Ground and Bonding Systems Design
- Grounding Design
- Complete Bill of Materials
- Scope of Work/Bid Packages
- Lighting Design & Layouts

## Power Engineering

- Electrical Plant Audits
- Load Studies
- Transformer Load Sizing and Calculations
- ARC Flash Studies
- Hazard/Risk Category Classification
- ARC Flash Warning Labels
- Power Distribution
- Short Circuit Studies



## Construction Management

Project Bid Services  
Scheduling/Cost Estimating  
Onsite Engineering  
Field Inspection Services  
Record Drawings  
Project Start-up

## Instrumentation Design Services

Process & Instruments Diagrams (P&ID's)  
PLC Programming  
Scope of Work/Bid Packages  
Control Schematics  
Instrument Loop Diagrams  
Design Review  
Component Selection & Specifications  
Start-Up & Check-out Services  
Complete Bill of Materials  
Cable Schedules  
I/O List  
Conduit/Cable Tray Layouts & Elevations

## Technical Staffing

Electrical Engineers and Designers  
Instrumentation Designers  
Project Managers  
CADD Operators/Drafting Services  
PLC Programmers  
Instrument Technicians  
Start-Up & Check-Out Specialists  
Contract Engineers  
Construction Project Managers



**RELIABLE**

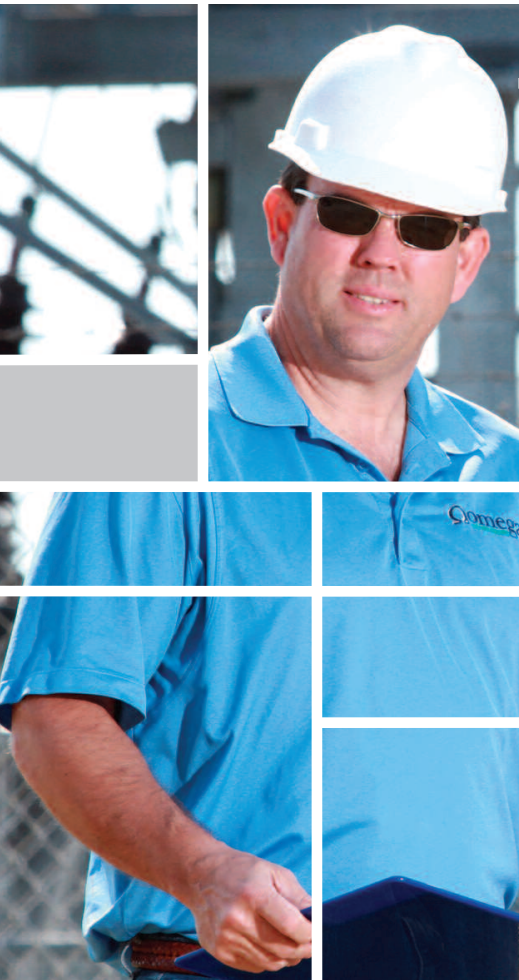
**Providing  
superior service**  
from conception to completion.

In today's competitive marketplace,  
downtime is not an option.

**PRACTICAL**

# who we are

Omega Consultants has a long, successful track record in providing **innovative, practical engineering solutions**. Our goal is to develop the most efficient design while maintaining the highest standards in **workplace safety** and quality equipment performance. Whether you are focused on capital improvement or maintenance, Omega Consultants will support you through every step of your project, including **start-up** and **engineering support services**. With a dedicated team and proven systems, we are equipped with the knowledge and resources required to conform to the demands of the industry.



## ENGAGED



**Steve McCormick**  
PRESIDENT,  
OMEGA CONSULTANTS

## INVOLVED



# why choose us

When you hire Omega Consultants, you retain the expertise of a talented, highly experienced team of professionals, dedicated to providing high value solutions that increase efficiency, ensure quality, and maintain the highest standards in workplace safety. For more than 20 years, we have delivered efficient, effective solutions that meet and exceed our clients' requirements.

Communication, trust, and teamwork are the hallmarks that separate Omega Consultants from our competitors. We work closely with our clients, fostering a partnership that includes a global perspective of each project and communication throughout all phases.

Our unique Post Project Analysis capitalizes on best practices and lessons learned. The process involves our client and the project team to ensure the outcomes of the scope of work are achieved. A study of a project's successes and challenges helps to uncover potential future hazards, allowing us to offer suggested steps to keep equipment running efficiently, to prepare for regulatory changes, and to limit downtime to planned events versus emergencies.

Our designs are simple, buildable, maintainable, and practical. Communication and teamwork are integral components throughout all phases of our projects. We look forward to partnering with your team to accomplish your business goals.

**Personal accountability and pride** are the expectations of all Omega Consultants team members.

**TRUST**

**ACCOUNTABILITY**

## Engineering design process

Planning & Assessment

Definition of Scope

Engineering Design

Review & Analysis

Installation

Commissioning

Post Project Analysis



## your engineering partner



Omega Consultants is dedicated to work place safety. Our efforts earned us The Award for Excellence in Safety Leadership and Performance from The Mosaic Company.

We are proud of our A-Rating with ISNetworld, an organization focused on ensuring suppliers and contractors maintain the highest insurance, licensing and safety protocols.



At Omega Consultants, we continuously align our engineering practices and standards with accredited professional organizations and associations. Keeping current with industry protocols allows our clients to feel confident in our partnerships.

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# Ωomega<sup>TM</sup>

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### OFFICE LOCATION

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Mining, Metallurgy  
& Exploration

