



# Quad Plus™

## HIGH VOLTAGE DESIGN

### For Shredder Drives

#### LET QUAD PLUS DESIGN THE HIGH VOLTAGE CIRCUIT FOR YOUR SITE

- Power company interface
- High Voltage Equipment Specification
- Cable & equipment layout
- Meet NEC and local codes
- PE stamped drawings (where required)

Quad Plus understands the electrical requirements of the main motor for your car shredder and your downstream and auxiliary equipment. In many cases we have interfaced with your power company to get approval for your site.



#### HIGH VOLTAGE EQUIPMENT SPECIFICATION

- Sizing and Specification for substation, transformers, switchgear, capacitor banks and other required equipment
- Design appropriate disconnects and circuit protection for the circuit

#### CABLE AND EQUIPMENT LAYOUT

- Ensure it does not obstruct site traffic
- Most cost-effective layout
- Consider all safety issues
- Allow flexibility for future growth



We have proven design experience. Our knowledge of your system, industry requirements and government regulations makes us the ideal engineering company to design the high voltage electrical system for your site.

This is a critical part of the design for your site. Utilize the skills and experience of a company that knows the unique requirements of a car shredder facility.

#### POWER COMPANY INTERFACE

- Complete power company load forms
- Review local power company connection requirements
- Coordinate the connection between the wire on the poles and customer-owned equipment
- Receive power company approval for connection design and equipment



## About Quad Plus

Quad Plus provides industrial control systems, solutions, and services. We offer an uncompromising level of service and expertise to maintain our customers' productivity. Our extensive process knowledge spans from the utility pole to the motor shaft. With an on-going commitment to follow-up service, parts, and repairs, we are all you need for continued success.

We are recognized in the field as a leader in drive and motor control. Solutions are designed in-house through research and development tailored to meet each client's specific needs. Our design staff includes electrical, mechanical, civil/structural, chemical, and controls.



### FACILITIES

- Chicago, IL
- Atlanta, GA
- Appleton, WI
- Houston, TX

### SATELLITE FACILITIES

- Boston, MA
- Evansville, IN
- Fort Myers, FL
- Mobile, AL
- Cleveland, OH
- Bend, OR
- Los Angeles, CA
- Kansas City, MO

LARGE DRIVES - AUTO SHREDDING



INDUSTRIAL APPLICATIONS



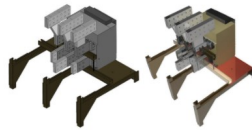
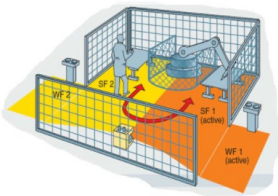
OIL, GAS and MARINE



POWER SERVICES



INDUSTRIAL SAFETY SERVICES



**Modern Thinking  
Better Design**



**Quad Plus**™

[Quadplus.com](http://Quadplus.com)

[service@quadplus.com](mailto:service@quadplus.com)

877.870.QUAD