



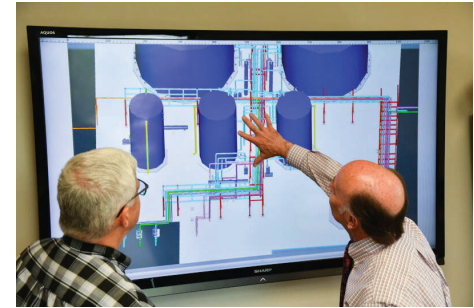
Quad Plus®

Professional Engineering

Multi Disciplined Professional Engineering

Mechanical & Piping

We provide expert mechanical, piping and process design and analysis services, including process development and facility design, dry and liquid material storage and handling design, and modeling and drafting services. We are experienced in pneumatic and mechanical conveying, dust collection, cooling towers, steam and thermal fluid systems, equipment and piping sizing and specification, pipe stress analysis, and PFD and P&ID creation. We always seek the best value for our clients and strive for honesty, accuracy, and transparency in all of our undertakings.



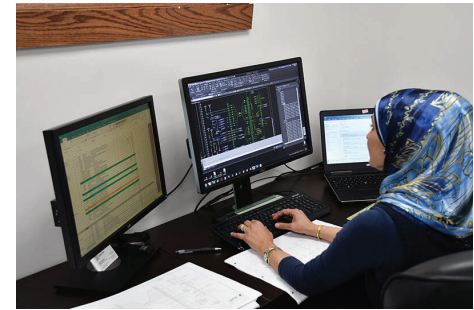
Civil & Structural

Get skilled engineers to develop your next site with grading plans, storm water design, traffic flow studies and pavement design for roads and parking lots. We specialize in design of heavy industrial steel buildings, warehouses, pipe racks, equipment supports, foundation design for buildings, tanks, and silos. Let our highly qualified engineers perform advanced dynamic analysis and design foundations for your heavy vibratory equipment such as scrap metal shredder or rock crusher mill.



Electrical & Controls

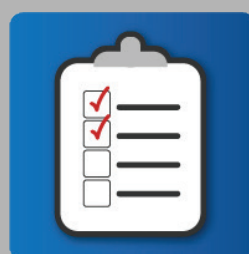
Our electrical professionals have the experience to help you solve your engineering problems. We specialize in industrial power distribution and electrical design, control panel design, arc flash analysis and power quality studies. We are able to provide installed cost estimates, detailed engineering, specifications, feasibility studies, utility investigations and reports. We lead negotiations with utility companies so you don't have to. We are able to handle procurement of equipment along with materials bids and bid evaluations.



Industrial Engineering Services



Technical Services



Project Coordination



Remediation and Assessment Services



Power Studies



Industrial Engineering Services

Achieve better productivity, meet quality targets, and see greater overall success. We are experts in mechanical, piping, electrical, civil, and structural engineering, plus office and industrial HVAC engineering.

Technical Services

We use a consultative approach to provide a comprehensive selection of services including engineering, installation, design, automation, and technical services to improve your processes.

Project Coordination

Enjoy the ease of working with a comprehensive, multi-discipline design engineering firm capable of seeing your project through from start to finish.

Remediation and Assessment Services

Understanding the extent and condition of any structural defect is critical to the process of rectification. A correct diagnosis requires expert investigation. We have expertise in assessment and remediation of concrete repair, structural strengthening, facade restoration, structural crack repair, and cathodic protection.

Power Studies

The goal of a power system study is to ensure efficient and reliable power systems for your facility under both normal and abnormal conditions. The Power System Study is made up of several engineering analyses and investigations including coordination study, load flow study, short circuit study, and transient motor start analysis.

Professional Engineering Project Case Study

Quad Plus was the professional engineering firm chosen to design this complete roofing material manufacturing factory from the ground up. Our team of experienced Engineers, Designers, and Managers produced design drawings for civil, structural, mechanical, piping, electrical and controls for the plant. We also developed equipment specifications and construction specifications to build a fully functional roofing plant, ready for production.



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