

Efficiency Production Inc.

www.efficiencyproduction.com

Trinity Shoring Products, Inc., Acquires Efficiency Production, Inc.

Trinity Shoring Products, Inc., through a subsidiary, recently acquired all substantial assets of Efficiency Production, Inc. Trinity will continue to operate the 46-year-old trench shielding and shoring manufacturer under their primary name, Efficiency Production.

Trinity Shoring Products current operates within the trench shoring and shielding market under the brands of Pro-Tec Equipment and GME, which Trinity acquired in a 2004 merger. Efficiency Production will continue to operate separately under its current brand name with no changes in personnel or point-of-contact for customers. Additionally, the acquisition will have no effect on the business operations or personnel at Pro-Tec or GME.

“Efficiency Production is one of the country’s leading trench shoring manufacturers, and we are very excited to bring their strong brand name and manufacturing capability into Trinity Shoring Products’ family of businesses,” said Joe Zylman, president of Trinity Shoring Products. We believe this acquisition is a positive step in positioning both Efficiency and Trinity for continued growth and product innovation.”

Efficiency Production’s operations will be overseen by Rod Austin, the company’s previously titled vice president of sales now general manager. “Our number one goal is to make this transition as seamless as possible for dealers and customers,” Austin said. “We are very pleased with the level of understanding our new owners have for the needs of our customers, and our intent is to

continue our high level of customer support.”

Assuming the head of Efficiency’s sales department IS Al Baron, with the new title of national sales manager. Baron has been a shoring specialist in the company’s special operations shoring division for the past four years.

Efficiency’s North American and international dealer partners were sent notices in July that all design and engineering support, as well as slide rail installation assistance will remain the same as before the acquisition. All customers were advised to continue communicating with their existing Efficiency Production sales and rental representative.

All manufacturing operations will remain at the company’s 655 Hull Road, Mason, Mich. headquarters. Efficiency’s toll-free number, 800-552-8800; business phone number, 517-676-8800; and fax number, 517-676-0373, remain the same. The company’s website address, www.efficiencyproduction.com, also will not change, though all personnel will now have an email addressed composed as first.last@trin.net.

Efficiency Production remains “America’s Trench Box Builder™,” and no product names or branding will alter under Trinity Shoring Products’ administration. Any technical or engineering documents such as P.E.-stamped tabulated data will remain valid with existing documentation.

Trinity Shoring Products, Inc., is a wholly owned subsidiary of Dallas-based Trinity Industries, Inc. Trinity is a publicly traded, multi-industry company that owns a variety of market-leading businesses in the industrial, energy, transportation

and construction industries. Visit www.trin.net for more information.

G2 Consulting

www.g2consultinggroup.com

G2 Consulting Flies Drones to Clients’ Advantage

If drones can deliver burritos for Chipotle and goods for Amazon, what other business uses might these unmanned aircraft serve in today’s world? One local business that’s been an early adopter of drone technology is finding out.

G2 Consulting Group, a Troy-based geotechnical and environmental services firm, has been flying drones over and around its clients’ construction sites to provide a clearer, more comprehensive view of a project’s scope and progress.

G2 Consulting Principal Noel Hargrave-Thomas is an FAA licensed drone pilot who started flying drones “just for fun” in 2014 and soon recognized how helpful they could be in providing overhead visual inspections of potential and actual job sites. As a result, G2 Consulting became one of the earliest businesses to use drones to assist clients in visualizing their projects.

“We’ve used our drones on projects like telecomm towers and commercial buildings to improve job safety. We can fly close to existing structures and audit them for a number of issues without having to send a climber up,” Hargrave-Thomas says. “This enables significant cost savings to building owners while helping to determine the exact scope of work required.”

In addition to documenting construction projects, the drone footage also gives clients a much

better understanding of work site progress because they're actually able to see everything that's occurred, Hargrave-Thomas says.

He describes mapping construction sites on a daily basis to provide 3D model of the site and creating scaled 2D mosaic imagery that contractors use to document progress and material usage. New 3D cameras can provide aerial 360-degree access footage to show clients what their project will look like and how it will fit into the surrounding environment. There are also drones with upward pointing cameras that enable project managers and their clients to visually inspect the bottoms of bridges, overhangs and indoor roofing as well as thermal imaging cameras for roof inspection and facility energy audits.

Drone technology is evolving so quickly that Hargrave-Thomas

believes their future uses are almost limitless. On a recent site, he programmed a drone to follow an exact flight grid. By repeating the same flight weekly, G2 was able to create a detailed time-lapse video of the construction process.

"All of these innovations will enable us to better serve our clients' needs by giving them a more complete understanding of their projects while also reducing costs and improving outcomes," Hargrave-Thomas says. "Drones are becoming an increasingly important tool in the construction engineering business. I'm glad we've developed this expertise."

Hubbell, Roth & Clark, Inc.

www.hrcenr.com

Hubbell, Roth & Clark, Inc., (HRC) has opened an office in Jackson, the eighth location for the

102-year-old Bloomfield Hills-based civil engineering firm.

Located at 401 S. Mechanic Street, Suite B, the new office offers full-service civil engineering and provides services to municipal, industrial and private clients.

"HRC has had the privilege of working in Jackson for many years, said Nancy Faught, HRC executive vice president. "We are delighted to have the opportunity to continue servicing local clients from our new home as members of the community."

HRC is a full-service consulting engineering firm providing planning, design and construction engineering. Projects include roads, bridges, stormwater, water and wastewater treatment projects, traffic engineering, GIS, architectural,

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