



THE TOOLING TRIBUNE

TRI-STATE TOOLING AND MANUFACTURING ASSOCIATION

June 2023

LOOKING BACK ON SPRING... AND FORWARD TO THE FALL

What a year so far for the TTMA!

January kicked off the New Year with nearly 100 folks converging on Clippard Instrument Laboratories in Colerain for an evening focused on workforce development, automation and best practices. In February,

the TTMA returned to the newly renovated Embassy Suites in Blue Ash for an informative evening with the Advanced Manufacturing Industry Partnership. March had the TTMA take over the uber fun Rhinegeist Brewery in Cincinnati with very special guest Jason Ray, Co-founder and CEO of Paperless Parts for an informative and fun Saint Patrick's themed monthly meeting. April a sellout crowd packed the Magna Machine facility in Cincinnati for a behind the scenes tour of one of the top shops in the State – doing some of the biggest machine work in the country! And of course in May we hosted our most successful TTMA Golf outing in our illustrious association's 76 year history...the weather was divine – and the company even better!

As we shift into our "Summer hiatus" the TTMA will be hard at work planning a Fall filled with more dynamic, informative networking events, including the ever popular Vinoklet Winery, a factory tour of Mazak in Florence and our famous annual MadTree Christmas gala.

Please remember that sponsoring TTMA events is a great way to get in front of LOTS of "the right people" and expand your brand awareness. Not a member yet? What are you waiting for? For memberships or sponsorships contact our awesome new Chapter Executive, Erin Johnson at ttma@toolingandmanufacturing.com.

Have a healthy, happy and safe summer – and we'll see you this Fall!

Greg Knox

President, Knox Machinery

TTMA Board of Directors





TTMA Member Profile



For the first "member profile" article, please welcome our newest TTMA member, Miami Valley Recycling owned and operated by Terrence Williams.

Serving businesses in the Cincinnati/ Dayton and surrounding areas, Miami Valley Metal Recycling has over 60 years of experience and a third-generation owner, meaning they have a wealth of knowledge and expertise. The company started out specializing in electronic recycling in Columbus, but have expanded and are now headquartered in Dayton. Miami Valley Metal Recycling purchases and processes all types of metals including copper, aluminum, stainless steel and electronics. Thanks to their own trucks and roll-off containers, transportation is taken care of in-house, making the recycling process seamless. Miami Valley Metal Recycling is focused on reliable and efficient service, with a commitment to making a positive impact on the environment and our communities.

Terrence said that being in the metal recycling industry, he was most surprised by the variety of materials and customers that he gets to serve. "You would be amazed at the different industries that need metal recycling services, from electricians, to HVAC companies, to CNC machine shops and more," he remarked. Terrence also said that the diversity of customers he serves keeps him on his toes, from community member walk-ins, to actually moving and recycling whole CNC machines for a shop! This is no easy feat, as there are specific licenses and permits required to transport such serious machinery.

Terrence is involved in many business groups and chambers, and he is excited to join the TTMA. He wants people to know the things that set his company apart are dedication to providing exceptional customer service and transparency. Their pricing is straightforward and transparent, allowing businesses to feel confident they are getting a fair deal for their materials. Their quick turnaround time of 24 to 48 hours for pickups ensures businesses can dispose of their materials quickly and efficiently. Finally, quick payment for recycled materials is a crucial benefit, as it allows businesses to get the money they deserve. All of these factors make Miami Valley Metal Recycling an efficient, cost-effective, and reliable asset for company partners. Terrence's favorite part about this business is being able to build relationships with customers in so many different industries and tailoring his company's approach to best serve each customer's specific needs. Terrence gets a great deal of fulfillment and pride from being able to make a difference for his customers and is looking forward to making more connections through the TTMA in the fall!

Welcome, Terrence and Miami Valley Recycling to the TTMA! Check them out [HERE!](#)

IN SEARCH OF:
More Member Profile Subjects!



We want to share your story here!

A "member profile" will be included in each newsletter, so reach out to the [TTMA email](#) if you have something you want you/your company's story to be told!

Annual Golf Outing - Success!



The Morsco AEC Team



This putt was a birdie!



The Industrial Tube and Steel + First Financial Bank Team


On May 15th, the TTMA hosted its annual golf outing. While the day started out chilly and quite cloudy, it quickly turned into absolutely perfect weather!

This year was the largest turnout the TTMA has ever had, with 127 golfers registered! The day started with registration at 11:30 to give time for socialization and networking before the shotgun start at 1:00 pm. The teams enjoyed playing the course until about 6:00, when most people had finished and made it back to the clubhouse for dinner (which was delicious - ribs, chicken, green beans and salad!). After dinner came the door prizes and announcements of winners.

Congratulations to Mainstream Water Jet, the overall winner of the scramble! Feilhauer's Machine and Water Jet came in 2nd, with Epcor Foundry in 3rd.

We would like to give a big thank you to AJ Schaeper, the TTMA's president of the board, who organizes the golf outing every year. Thanks for everything you did to make it a success and a benefit to the TTMA!

To see more pictures from the golf outing, check out the whole album [HERE](#).



Events

A Manufacturer's Agile Path to Competitive Advantage

TTMA Member Barnes Dennig recently partnered with USI Insurance, North Side Bank and Trust, and Advanced Manufacturing Industry Partnership (AMIP) to survey regional manufacturers about salary, benefits, and other benchmarking data, and got an outstanding response, with manufacturers of all sizes from throughout the region.

The findings will be released in a landmark virtual event, with new data and deeper insights that will help you map an agile path to success. The webinar will cover:

- How your compensation structure compares to others in your industry and market
- Benefit offerings – Are yours competitive? What benefits are trending – and making a difference in recruiting and retention?
- Tapping into tech – special guest speaker Will Healy III, Founding Board Member at AMIP Cincinnati

Wednesday, June 7th, 2023, 10:00 - 11:00 am

[Register Here!](#)

join us for our upcoming event!

**MANUFACTURING AND CONSTRUCTION
BENCHMARKING EVENT:
LOCAL AREA TRENDS AND THEIR IMPACTS**

Thursday, June 15th

#VLEVENTS



As employers navigate the challenges to attract and retain talent, it's more important than ever to have data on benefits and contributions in comparison to peer organizations. In today's market, employers are seeking to balance a competitive benefit offering with escalating costs. Like all industries, the manufacturing/distribution and construction industries utilize this data to make impactful decisions with their organizations.

Join **TTMA Member VonLehman CPA & Advisory Firm** and USI Insurance Services on **Thursday, June 15th** as an Underwriter from USI will break down the "2023 Plan Trends and Regional Snapshot" survey. During this presentation, they will identify emerging benefit plan trends, understand how its benefit plans compare to those of peer organizations, and structure plans to be competitive in the current market. Additionally, we will hear from a panel of industry experts from IPS, Bonfiglioli, Megen Construction, and more, who will answer your questions.

[Register Here!](#)

Check out an exciting article featuring the great work of one of our member companies!



New Die Steel Reduces Wear on Form Details

An excerpt from an article originally published in MetalForming Magazine - [2/27/2023](#) by Brad Kuvin

Read the whole article [HERE](#)

Stamping locking mechanisms for automotive applications—locks on doors, trunk lids, tailgates and the like—can punish tooling, in particular form tools, as these mechanisms commonly are stamped from Type 4130 Cr-Mo steel. These steels, heat-treat hardened, have a 670-MPa yield strength and a 92 Rockwell B hardness, ideal properties when machining drill bits and taps or for fabricating rock-crushing machinery. But try to form them in stamping presses and the form steels can become susceptible to premature wear. Such has been the case at locking-mechanism manufacturer Gecom Corp., Greensburg, IN, which operates a variety of presses from 80-ton single-hit presses performing secondary operations, to 600-ton progressive-die presses.....To help ensure that premature die wear doesn't negatively affect its ability to remain a preferred supplier, the firm recently upgraded its tool steel of choice for select form details to prolong life between sharpenings, and to reduce the amount of sharpening needed during tool maintenance. So says assistant tool and die engineering manager Jackie Bishop.

Gecom stamps locking mechanisms for automotive applications, such as the side-door lock striker shown above (and its accompanying form tool), from Type 4130 Cr-Mo steel, which can take a toll on die details machined from conventional tool steels. To improve die life, the firm has been trialing new matrix-grade high-speed tool steels from **Diehl Tool Steel**, with great results to date.

"We're consistently innovating and trialing new tool-material types," Bishop shares, "...We recently saw an opportunity to trial new die steels that not only have improved production-hit counts, but also decreased the maintenance and replacement times within the toolroom. We've enjoyed a lot of cost savings on the maintenance and repair side as a result, and any premium we've paid for the new form details has resulted in better profitability and better workflow within the toolroom and plant. The added investment has been easily justified."...

"We've been trialing the new steels for just over a year," Davidson adds, "and the greatly improved performance has led to placing additional work orders with **Diehl Tool Steel** to try the matrix grades on other die details. The program has been a big hit so far, so we're prioritizing the applications that we want to work on next." "The drive toward innovation and lower costs has led to an impressive revamp of our tooling department," Bishop says....



Who Are Your Safest Drivers?

Tuesday, June 20, 2023, at 1 p.m. CST

Company drivers today face distractions unlike any in history, and poor driving behaviors put your company at risk. We'll take a look into how you can recognize and promote safe driving through the use of our Federated DriveSAFESM program.



WHO SHOULD ATTEND

- Risk Managers
- Operations Managers
- HR Professionals
- Owners/Operators



WHAT YOU WILL LEARN

- Why the safety of your drivers and others is so important to your business' success
- How it takes more than just a policy to get the message across and protect your business
- How to help your drivers move from good to great

After registering, you will receive a confirmation email and calendar appointment. You may access this and other webinars on federatedinsurance.com.

This is intended to provide general information only. The services described herein are for general information and recommendations for risk prevention only. The content herein should not be considered legal advice and may be subject to regulations and restrictions in your state. Qualified counsel should be sought regarding questions specific to your circumstances and applicable state laws.

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Temporary employees and safety

Staffing agencies and host employers both have the responsibility of ensuring a safe workplace for temporary employees. Whether these temporary employees work seasonally or are permanent, they have the right to a safe workplace and proper safety training. To keep these employees safe, both the staffing agency and host employer must communicate with each other on appropriate training. Why is this important.... because both parties can be held liable if OSHA believes safety was neglected. The following list identifies some of the shared responsibilities between the two party's when using temporary employees.

- 1) Be sure to communicate, identify and outline the safety goals each party is responsible for, such as training, education and awareness.
- 2) Although the staffing agency may not be an expert at a specific workplace, they should communicate with the host employer about the hazards that exist in the work environment so they can be communicated to their temporary employees.
- 3) Host employers should treat temporary employees as their own and train them just like any other employee.
- 4) Staffing agency should inquire about host companies training programs and ensure they are fulfilling their responsibilities.
- 5) Both parties should encourage temporary employees to speak up if they witness an unsafe work practice and/or condition.

Here is a list of some worker initiatives the temporary agency and host employer should consider before work begins.

- 1) The nature of the work. Consider low hazard positions since the temporary employees may be inexperienced.
- 2) Hazard Communication. Temporary employees have the right to know about the chemical hazards they may be exposed to.
- 3) Lockout Tagout. Temporary employees need to have a basic understanding of what lockout/tagout is and how to identify when a lockout/tagout is occurring.
- 4) Powered Industrial Trucks (PITs). Temporary employees must go through the same training and certification of a full-time employee if they are going to operate PITs.
- 5) Recordkeeping and Reporting. Serious injuries to temporary employees, whether under the supervision of the agency or host employer, must still be recorded on the OSHA log. The recording responsibility falls on the party who supervises the injured employee on a day-to-day basis.
- 6) Personal protective equipment. Ensure temporary employees are trained on the appropriate PPE for the work they perform.
- 7) Exposure to indoor and outdoor heat-related hazards. If temporary employees are exposed to heat-related hazards, they need to understand how to protect themselves in these situations.
- 8) Be sure you evaluate your facility for other hazards and communicate them appropriately.

As you can see, the responsibility for the safety of temporary employees falls on both the staffing agency and the host employer. Each party is responsible to offer training and to assure training responsibilities are fulfilled and documented. If these are not completed, unsafe work environments may exist resulting in a dangerous workplace and injuries. If you are a staffing agency or host employer, communicate with each other to make certain temporary employees are kept safe.

For more information, please contact Sedgwick's Andy Sawan at 330.819.4728 or andrew.sawan@sedgwick.com