



presents the...

Central Michigan Manufacturers Association

September Meeting

“Filling the Skilled Trades Gap”

Agenda

- Welcome
- Safety
- ITAR Description
- The Facility
- Our Business
- Need for Skilled Trades
- Merrill Institute of Welding
- Senator Kahn
- Tour

Welcome

- CMMA Members
- Distinguished Guests
- Merrill Technologies Group Employees

- Special Thanks:
 - Central Michigan Caterers
 - Suzanne Noble & Bill Henderson
 - Merrill CMMA Meeting Planning Group & Tour Guides

Safety Talk

- Personal Protective Equipment
 - Safety Glasses w/ side shields are mandatory in the plant.
 - Hearing Protection will not be required due to minimal exposure on our tour, but it is available.
 - Hard Toed (steel) shoes will not be necessary as we will be walking in the main aisles. No open toed shoes are permissible.
- Welding is in process. Do not look into the Arc Flash.
- Lift Trucks will be in use. Make eye contact with drivers to be sure you each see one another.
- In the unlikely event of Warnings & Alarms
 - For fire alarms you will proceed to the nearest exit, your tour guide will aid in leading their group to the exit and meeting area.
 - For tornado warnings the shelter is below the meeting room in the hallway. Again, the tour guides will aid in leading the group.
- Automated External Defibrillator (AED)
 - An AED is located at the plant entrance, trained first responders are on staff if required.

ITAR Description

- International Traffic in Arms Regulations (ITAR) is a set of US Government regulations that control the export and import of defense-related articles and services on the United States Munitions List (USML).
- **What is the purpose of a visitor control program?**

A visitor control program is used to prevent unauthorized access to your company trade secrets, controlled US technology, or technical data by foreign nationals visiting our facility.

The Facility

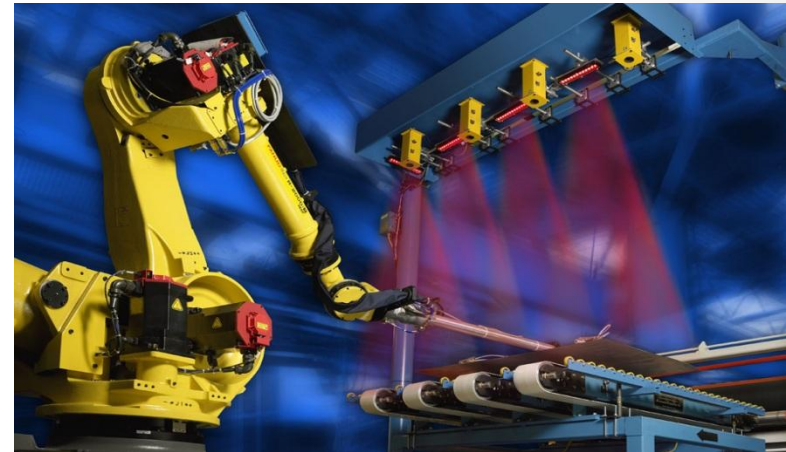


400,000 square feet, currently with 190 employees

Our Business



Solar and
Wind Energy



Robotics



Chemical &
Petroleum Processing



Heavy Equipment

Our Business



Alternative Energy



Aerospace and
Defense



Automotive



Need for Skilled Trades

- Strong demand from the mining, oil & gas sectors.
- Current bottleneck is “welding”
- Therefore more qualified welders are required.
- Shortage of qualified skilled trade personnel in our area.... And perhaps throughout the United States

Merrill Institute of Welding



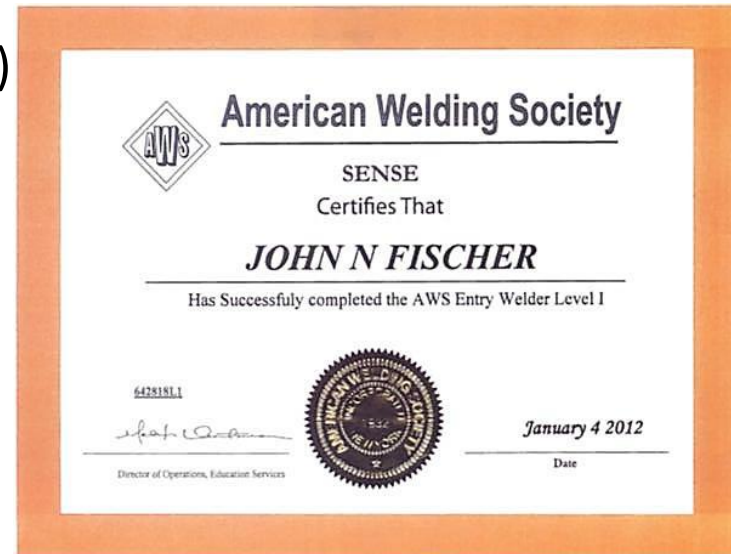
History

- Started October 2011
- Received a grant from Macomb Community College
- 30 candidates to date with 28 graduates
- Over 90% placement rate



AWS SENSE Program

- Accredited by the American Welding Society for Levels I, II, and III.
- Students Learn:
 - Shielded Metal Arc Welding (SMAW)
 - Gas Metal Arc Welding (GMAW)
 - Flux-Cored Arc Welding (FCAW)
 - Gas Tungsten Arc Welding (GTAW)
 - Oxy-Fuel Cutting (OFC)
 - Plasma Arc Cutting (PAC)
 - Carbon Arc Cutting (CAC)
- Students will log approximately 400 hours of training within a 10 week period.



MIW Past and Present Activities

- Partnering with governmental agencies
 - MTG and MEDC partnering on a veterans program
 - MIW and Michigan Works working on solutions to continue unemployment program
- Partnering with educational institutions
 - Merrill Fabricators and Macomb Community College joint effort to train welders
 - Merrill Tool & Machine and Baker College developing a two year machinist program



MIW Current Events & Future

- Current Events
 - On September 17th, 2012 the Merrill Institute of Welding became incorporated
 - Veteran Program is half way completed
- Future
 - Over the next few month's we will be licensed by the state
 - Anyone will be able to attend and pay for schooling
 - Veteran's Program: Seeking letters of intent to hire
 - Customized training
 - Build an additional lab for new customer

Senator Kahn

- Bio
 - Born in Monroe, Michigan on Jan. 28, 1945
 - Saginaw County Commissioner, State Representative of 94th District, and elected Senator for the 32nd District in 2006
 - Attend Delta College, MSU, and Wayne State University where he received his MD
 - Involved with the Saginaw Community Foundation, the Saginaw Chamber of Commerce Board, Pit and Balcony, Saginaw Rescue Mission, etc.
 - Married with 8 children and 16 grandchildren

Tour

- All tours will be with a tour guide
- Please stay in your groups
- For everyone's safety please stay on the 'prescribed path' with your guide
- 2nd shift is "in progress", please follow all safety pre-cautions previously discussed
- Return to the conference room upon completion of the tour
- Use escorts to depart the plant area

Thank You for attending!