



POWERNEWS

WE WILL MANUFACTURE BENCHMARK CASTINGS WITH PRIDE, LETTING SAFETY, QUALITY, COST, AND ON TIME DELIVERY TO OUR CUSTOMER BE OUR GUIDE.

H.R.I.A.C Week 1



1. HRI Champion - *Rob Morris, Mark Schnipke*
2. A Fall Hazard Team Representative - *Gary Thornell, Ed Ovalle*
3. A Safety Representative - *Randy Vukadinovich, Rick Boecker*
4. A Maintenance Representative - *Casey Geren, Joe Howard*
5. Physical Agent Resource - *Jenna Morlock, Ken Armstrong*
6. Engineering Representative - *Steve Fitch, Rob Turner, Amaraja Dalvi, Carl Gruhn*
7. Manufacturing Representative - *Anson Jagger, Latrelle Prater*
8. GMS Team Representative - *Marci Wakeham*
9. Training/HR Representative - *Marty Katterheinrich*

What is HRIAC (HRI for short)? It stands for Hazard and Risk Identification, Assessment and Control. HRIAC is element 2.2 of GM's Workplace Safety System (WSS). From our global workplace safety website 'The hazard and risk process is a systematic process, based on tools to identify safety and industrial hygiene hazards and to evaluate the criticality of the risks.' Here at Defiance, we have assembled a team to develop and manage this process, the HRI Team. The first step in this process is Identification of hazards and risk. The HRI team has developed a training course to help with this, 54313 Hazard Risk Identification and Assessment. Once a hazard has been identified, a Safety FMEA must be assigned to the hazard. This number helps in prioritizing and categorizing the hazard. It is created by multiplying the Severity Potential of the hazard, by the Probability the injury will occur, by the Frequency of Exposure to the hazard, by the Number of Persons at Risk when the hazard is present:

$$\text{Severity Potential} \times \text{Probability} \times \text{Frequency of Exposure} \times \text{Number of People at Risk} = \text{SFMEA}$$

Once a SFMEA is created, the action required to reduce risk can be developed based on the chart below:

Calculation of Risk Score		
0 to 5	NEGLIGIBLE	No action is mandatory, follow standardized work
>5 to 50	LOW	LOOK into safety controls on a longer term basis. Follow standardized work.
>50 to 500	CRITICAL	ESTABLISH an action plan with target dates, identify different layers of short and long term controls.
>500	UNACCEPTABLE	STOP activity and make immediate improvements

If your SFMEA is rated Negligible (0-5) or Low (>5-50), you should review your standardized work. It should be directing you to the safest way to complete your task. If your SFMEA is rated as Critical (>50- 500), there may be some temporary safeguards needed and some long term plans needed for reducing the risk you are exposed to. If your score is in this range, be sure to escalate to your leadership for direction before you continue. If you evaluate a task and your SFMEA score is 500 or greater, STOP, DO NOT CONTINUE, ESCALATE IMMEDIATELY TO YOUR LEADERSHIP. These tasks have unacceptable risk ratings and cannot be completed in the manner they were evaluated.

The HRI Team will continue to update the POWERNEWS in the coming weeks. If you have any questions, please feel free to contact any of our members and/or visit us on the safety sharepoint site. Just click on the green cross:



American Red Cross BLOOD DRIVE
Tuesday, June 29 12:00 PM to 6:00 PM
Conference Room

Please call the EAP Office at Ext. **7750** or Ext. **7285** to schedule your blood donation appointment.



Flag Day



Flag Day is an event in the United States celebrated on June 14 each year. It marks the day when Congress adopted the flag of the United States as the official national flag in 1777.

While not a federal holiday, Flag Day is still an important occasion. Cities throughout the nation hold parades and events to celebrate. The week of June 14 is considered to be National Flag Week. The President of the United States will issue a proclamation urging citizens to fly the American flag during the week.

When in doubt look again

By Scott Sandefur, Executive Director, GMNA Labor Relations

I shouldn't be writing this. In fact, I probably should be dead.

I have my son to thank for saving my life. He was paying attention and noticed an oncoming car when I thought the route was clear. His actions and what I learned from this incident serve as a stark reminder that, as a driver, I am responsible for ensuring I am making safe choices for myself, my passengers and other motorists.

This brush with death started out innocently enough. My son and I had just finished dinner at a restaurant in metro Detroit. We were talking as I steered my Suburban toward the road, looking to my left and right, making sure the road was clear.

To complicate matters, I was facing west and the setting sun cast a glare that impeded my vision. Still, I felt confident the road was clear and started to pull out. Suddenly, my son grabbed my arm, yelling my name. I hit the brake just as a car sped by us.

I learned two things from this incident. First, conversations with passengers in a vehicle can serve as a distraction. Second, external conditions, like a setting sun can affect the view of the road and other traffic.

In the future, when I am making critical driving decisions, I'll make sure to pause my conversations. And, when driving at dawn and dusk, when sun glare is at its worst, I'll ensure my windows are clean and even roll down a window to eliminate the glare.

These are simple things we all can do to ensure that we return home to the ones we love.

June Team Leader Assessment

Paper/Pencil Portion

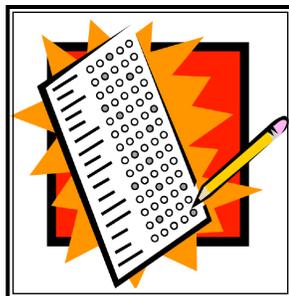
Wed. June 21

3rd shift- 5:00-6:00 AM
1st shift- 9:00-10:00 AM
2nd shift- 3:00-4:00 PM

Computer Skills Portion

Thurs. June 22

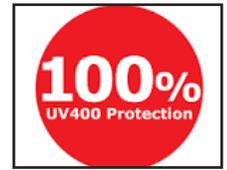
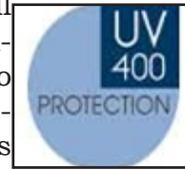
3rd shift- 5:00-6:00 AM
1st shift- 9:00-10:00 AM
2nd shift- 3:00-4:00 PM



Testing takes place in Room 123 in the Training Center

Protect your eyes from the sun

Now that we are well into the summer season, we all tend to spend more time outdoors. Whether it is for fun or work, being outdoors gives us more exposure to sunlight and its harmful ultraviolet (UV) rays. Most of us are aware of the potential injury ultraviolet rays can cause to the skin, including sunburn, wrinkles and skin cancer.



But have you thought about the harm UV rays can cause to your eyes? Cataracts and macular degeneration can both be caused by exposure to sunlight. A cataract develops when the natural lens of the eye becomes opaque instead of clear. This makes the lens unable to focus light onto the retina. Someone with a cataract may have some blurred vision, or "see stars" especially when light shines directly into the eyes, such as while driving at night.

Macular degeneration is deterioration of the macula, the part of the retina with which we see fine details. When we can't see the details, life becomes a blur. The good news is that it is easy to protect your eyes from the harmful effects of the sun. All it takes is an adequate pair of sunglasses.

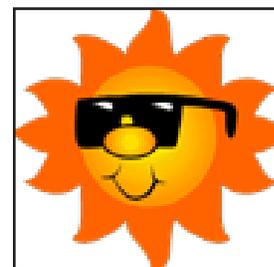
What should you look for when buying sunglasses? The American Optometry Association recommends looking at the label for the following characteristics:

- Blocks out 99-100% of UV-A and UV-B radiation. Sometimes this is designated as UV 400 protection, but there is no standardized labelling.

- Lenses should be matched in color and free from imperfections to prevent excessive eye strain. Polarized lenses can reduce glare coming off reflective surfaces such as water.

- Gray lenses will provide proper color recognition.

- Make sure the glasses fit your face well and provide enough coverage. The top of the frame should be at the eyebrow and the bottom close to the cheek. Wrap around frames can protect your eyes from light entering from the sides.



It is possible to spend \$3 to \$300 on sunglasses. How much money you spend has no bearing upon the level of protection your eyes will have. It is necessary to look at the labels for the protection it will provide.

Riverfront Gathering June 23 - June 25

“Celebrating Our Water Resources”



New for 2017!! An extension of the Riverfront Gathering from 2016! Join us as we celebrate our rivers all weekend long with great river events along the confluence! A few amenities will be FREE

pontoon rides, canoes and kayaks to explore the rivers, children’s Aqua Zone activities, 9 bands featuring all types of music on 2 different stages and ending with Art-In-The-Park on Sunday at the Fort Grounds from 10:30 am -4 pm!

This event will begin on Friday June 23rd from 5 pm – 9 pm at Pontiac Park with food, music, river events and the celebration of Defiance becoming the next “Buckeye Trail Town”! Dessert will be provided by the Tinora FFA, Strawberry Shortcake! Cornerstone Kitchen will be there with their food truck all evening as well! c

The event will continue on Saturday, June 24th from 12 pm – 10 pm at Pontiac Park with children’s Aqua Zone activities and everything from Friday evening plus more and at Kingsbury Park from 12 pm – 6 pm with Bluegrass music! Food items that will be available at Pontiac Park are Cornerstone Kitchen, Pepperoni Tony’s and Country Lane BBQ and dessert provided by Raven’s Care, Ice Cream Sundae’s!Pop and water will be provided by Girl Scout Troop 11702. Food items at Kingsbury Park will be sandwiches provided by Lily Creek Farms.

On Sunday, June 25th, there will be a featured “Gospel Sing” from 9 am – 10:30 am featuring The Tacketts at Pontiac Park and then Art-In-The-Park begins at 10:30 am at the Fort Grounds with art and craft vendors, food, children’s entertainment and more!

Musical Entertainment

Friday @ Pontiac Park

5:00 pm – Changing Elements

7:00 pm – G-Men

Saturday @ Pontiac Park

1:00 pm – John Reichle

3:00 pm – Angel Edwards

6:00 pm – Liberty Rain

Saturday @ Kingsbury Park – 12:00 pm – 6:00 pm

Steve Scott & The Scott Brothers

New Outlook

Gun Creek

Sunday @ Pontiac Park

9:00 am – 10:30 am – G-Men and The Tacketts

Good luck and best wishes to our co-workers!

Michael Raike and Mark Glass retired 6-1-17

Pictured at Right:

Top

Rob Egnor, Michael Raike, Greg Shafer, and Theresa Lawrence

Bottom

Rob Egnor, Mark Glass, Greg Shafer, and Theresa Lawrence.



Karim Wilson pictured with Steve Fitch, transferred to Toledo Transmission Plant 6-1-17.

Mark Maag - Bowling Green, KY
Matin Porter - Fort Wayne, IN

First SPM Head



On Monday, June 5th, the SPM team passed another major milestone on our path to a successful launch as we poured our first SPM head in Defiance. This event followed the first head cut in pre-machining on April 4th, the first head processed through finishing on May 4th, and the first head core blown on May 17th. All major SPM equipment has now passed the first make-part milestone! We want thank not only the SPM launch teams for their tremendous efforts to achieve these milestones, but also to thank and recognize the entire Defiance team. These achievements would not have been possible without the involvement and engagement of the entire Defiance workforce. Your hard work and dedication to making the SPM launch successful speak to character and capability of the people of Defiance.



2017 LIFESTYLE CHALLENGE

2ND ROUND OF THE 2017 LIFESTYLE CHALLENGE!

JUNE 22ND WEIGH-IN!!!

✓ **THOUGHT OF THE ISSUE:** 2ND ROUND WEIGH-IN IS JUNE 22ND. STOP IN THE FITNESS CENTER FROM 5 A.M. UNTIL 3 P.M. TO OFFICIALLY WEIGH-IN. IF YOU HAPPEN TO MISS THE THURSDAY WEIGH-IN, YOU CAN STILL CATCH ME FRIDAY DURING NORMAL WORKING HOURS. NOW THAT IT HAS WARMED UP OUTSIDE, ONE OF THE MOST IMPORTANT THINGS YOU CAN DO YOU HELP STAVE OFF INJURY OR ILLNESS IS TO **HYDRATE, HYDRATE, HYDRATE! TRY TO DRINK HALF YOUR BODY WEIGHT IN OUNCES OF WATER. 200 LB PERSON = 100 OZ. THROUGHOUT THE DAY**

✓ **JUNE'S 4 MINUTE WORKOUT CHALLENGE:** 4 EXERCISES – 1 MINUTE TO COMPLETE EACH EXERCISE. **JUNE STRENGTH WORKOUT GOAL:** 18-24 PUSH-UPS, 24-30 SIT-UPS, 4 PULL-UPS, 30 SQUATS

(COMPLETE DAILY - SHOULD BE EASY! TOO EASY??? COMPLETE A SET OF EACH EXERCISE AT EACH BREAK OR TURN THE EXERCISES INTO A 4 MINUTE CIRCUIT-REPEAT EACH EXERCISE UNTIL YOUR 4 MINUTES ARE COMPLETE)

✓ **COUCH TO 5K CARDIO WORKOUT GOAL:**

CHECK OUT THE WEEKLY SAFETY TALK FOR THE MOST RECENT WORKOUT

✓ **END OF THE YEAR GOAL:** 36-48 PUSH-UPS, 48-60 SIT-UPS, 10 PULL UPS, 60 SQUATS (COMPLETED IN 4 MINUTES)

END OF THE YEAR GOAL: A 1.5 MILE RUN IN 12:30 SEC OR COMPLETE A 5K IN 30 MINUTES.

✓ **5K RACES & CHALLENGE UPDATE**

LOCAL 5K RACE – Black Swamp Benefit Bullfrog 5K + Kids' Race, Wauseon, OH June 17th
NapNaz Run for the City 5k, Napoleon, OH June 24th

PMN Group will be sponsoring runners for the September , 9th Tribute to Towers 5k in Defiance. See Tyler for details.

LIFESTYLE CHALLENGE MEMBER WEIGHT LOSS GOAL IS TO BURN 903 LBS OF STORED ENERGY(FAT) BY THE END OF THE YEAR

Supervisor Suggestion Help

AWARDING A TANGIBLE SUGGESTION

When a suggestion has measurable savings, the proper data form for Defiance, the **Tangible Savings Analysis Report** (right), IS NOT on the Suggestion Plan Website. It can be found on the **S Drive > GMPTDFSN > Suggestions > 10- Forms > Tangible Savings Analysis Report Form**

*Awarding Supervisor - fill out, sign and date

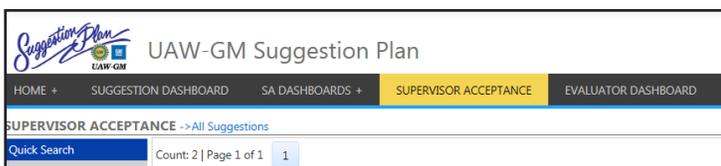
*Area planner - sign and date

* Submit the data with Report to the Suggestion Department.

ELIGIBILITY WORKSHEETS

All suggesters need an Eligibility Worksheet for awarding a suggestion (one per employee). To see all employees on a suggestion, open the the suggestion in the Supervisor Acceptance tab, as shown below. The Evaluator Dashboard tab does not show any of the suggesters.

QUALITY NETWORK SUGGESTION SYSTEM - TANGIBLE SAVINGS ANALYSIS REPORT	
Implementation Date:	Suggestion No.:
Area:	
Before: _____ Persons) _____ Hours) per _____ Day _____ Week _____ Month _____ Year	
After: _____ Persons) _____ Hours) per _____ Day _____ Week _____ Month _____ Year	
Dollar Rate (over): _____ Straight Time _____ 1/2 Time _____ Double Time	
Job Classification (over): _____ Production _____ Indirect _____ Skilled _____ Salary	
Explanation:	
Area:	
Before: _____ Avg. Min. per _____ Occurrences per _____ Day _____ Week _____ Month _____ Year	
After: _____ Avg. Min. per _____ Occurrences per _____ Day _____ Week _____ Month _____ Year	
Explanation:	
Material Savings:	
Area:	
Before: _____ Cost(s) _____	
After: _____ Cost(s) _____	
Explanation:	
Scrap Savings:	
Part Nos. _____ Cost _____ Conting _____	
Before: _____ % _____ or _____ Pieces per _____ Day _____ Week _____ Month _____ Year	
After: _____ % _____ or _____ Pieces per _____ Day _____ Week _____ Month _____ Year	
Explanation:	
Cost Avoidance:	
Other Savings (or penalties):	
Cost to Total Suggestion:	
Job:	Description & Cost of Material:
Trade:	No. Parts:
Equipment:	
Mileage:	
Material:	
Problem Maker:	Explanation:
Labor Dollar Rate (over): _____ Straight Time _____ 1/2 Time _____ Double Time	
Information Provided By: _____ Date: _____	
Approved By (General Supervisor): _____ Date: _____	



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Articles due the 1st Monday of the month.