

Tapping Out



VOLUME 87 | JUNE 2020

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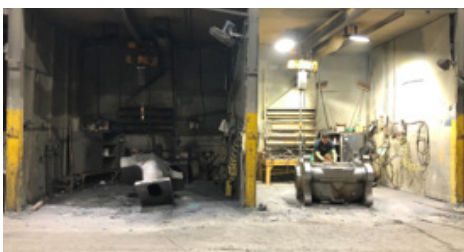
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Harrison Steel Hall of Fame



Milestones for This Issue

Name	Years of Service	Anniversary Date
Richard L. Holtkamp	45	5/28/1975
Lynne A. Lanham	40	5/8/1980
Patricia E. Abernathy	30	5/21/1990
James T. Scroggins	15	6/1/2005
Tammy Lynn Gates	15	6/28/2005
John Clinton Brand	5	6/22/2015

Safety

SAFETY AND HYDRATION UPDATE!

As you all know Summer is here and there are likely more than a few 90 degree days ahead of us. As such, we wanted to let you all know our hydration plan has had to change due to COVID-19. We will NOT be supplying the typical coolers of water and Sqwincher because of the risk of virus transmission with community coolers. Instead, we have installed 8 bottle fill stations (including a new one last week near the AML fast loop) with more installs to be completed in the coming days. This will provide the entire facility with cool water on demand. However, this means that you will all have to bring your own refillable water bottles with you to work so that you are prepared. Last year HS provided water bottles to everyone, or if you have a different one you prefer, please bring it with you to work.

We have also purchased Sqwincher

packets that can be added to your individual water bottles to provide you with a cool flavored beverage 1-2 times per day. These packets will be available through your supervisor. We ask that you bear with us as we make this change, as with any new/ updated program there are bound to be some growing pains. We will also still have the Sqwincher Freeze pops available as we have for several years now. We know you all like them and they can provide you with a nice reprieve from the heat.

Please also keep a lookout for employees who may be experiencing heat stress. Employees who appear excessively fatigued, are sweating profusely or generally not acting like themselves should cool off, hydrate, and see First Aid. It's always better to react early to heat stress symptoms because once you have

experienced heat stress, it's very easy for it to happen again. Remember: dehydration happens over time so please hydrate responsibly both on and off the clock!

Thanks From Safety!

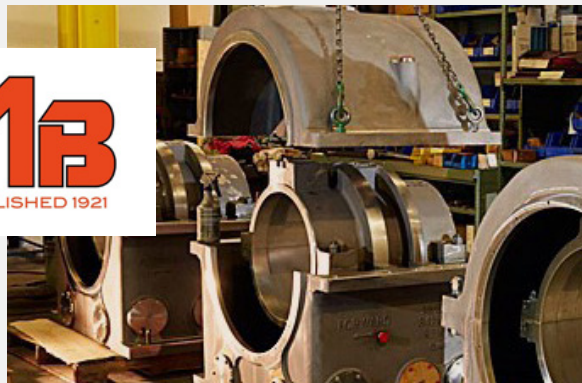


Shout Outs!

NEW CUSTOMER SPOTLIGHT: AMERICAN METAL BEARING

AMB (American Metal Bearing) first earned its reputation for technical excellence in 1921, producing and repairing specialty race car bearings. They shifted their focus in the 1930s to making larger, more complex industrial bearings, and at the onset of WWII, produced the first line shaft bearings for American "Victory ships" dispatched to Europe.

Today, AMB is the preeminent supplier of propulsion bearing systems to the U.S. Navy and our allies around the world. They are also a trusted consulting partner to commercial, industrial, and marine companies, as well as the US Military and its suppliers. We're excited to have this new customer at HS!



Foundry

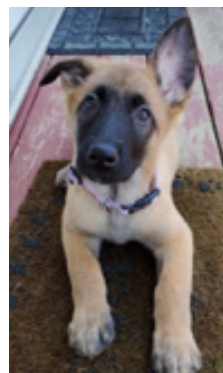
The foundry has been focusing on an exciting new project! We are currently working on training videos which will help educate future employees and facilitate a safer work environment. These videos will contain job-specific procedures and will be a great aid to our current training programs.

Foundry Superintendent Spencer Grimm got a new puppy. Her name is Ryka, and she is Belgian Malinois. She likes to chew everything in sight, and is already a pro at

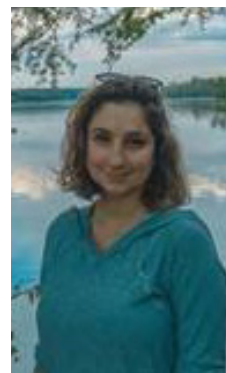
stealing shoes at just ten weeks old.

The foundry also gained a new intern. Her name is Sasha Marcone and she's a junior at Purdue University studying Mechanical Engineering Technology. Last summer she interned in the Cleaning Room and is very excited to be back this year.

Congrats to Jamie Halsema and Crystal Askren on their engagement!



Ryka, the Belgian Malinois



New intern, Sasha Marcone

Engineering Department

There have been several new projects installed the first half of 2020 that are welcome additions to Harrison Steel.

Many areas around Harrison Steel received LED lighting upgrades in the last few months. This includes all new lights in Cleaning Room II high bay and in most individual workstations plantwide. More than 150 new LED lights have been installed in total.

Also, a new Zeks dryer for nearly all HS compressed air was installed in April. This new dryer is more effective and more environmental and maintenance-friendly

than our old air dryer.

Bottle-fill stations are being placed throughout the plant. A couple have been installed in the foundry office and near the AML fast loop. Harrison Steel plans to install five additional bottle-fill stations in the coming weeks in locations that do not currently have one nearby. When these are finished, HS will have 12 stations serving fresh water for the coming hot days. We hope everyone will bring their HS water bottles and use these stations to remain well hydrated all summer long!

Both the North Shakeout and 271 Molding

will get some much-needed upgrades in July. 271 Molding will be outfitted with new controls, sand-heaters, and oxide-feeder system (among other improvements). The old mezzanine platform above the Palmer mixer will be demolished, giving space and a new and easier access.

The North Shakeout will be upgraded with a larger dust collector fan along with changes to the main shaker ducting system and the hood itself. The end goal is a cleaner working zone around this shaker and improved product flow.



Led lighting upgrades



New Zeks dryer

Cleaning Room

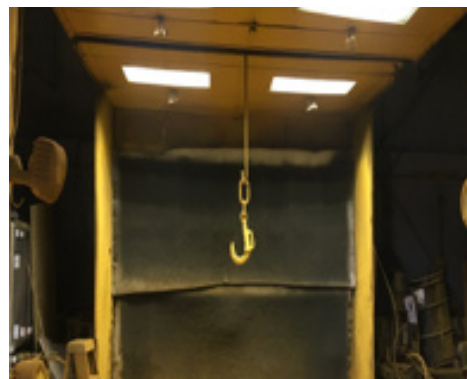
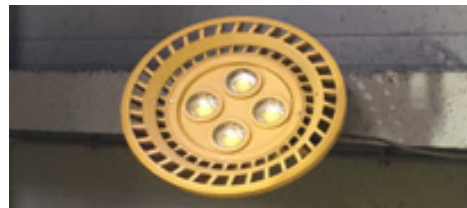
Summer couldn't have come at a better time and the Cleaning Room is as clean as it has ever been! Supervisors have been working hard to ensure clean working environments for our employees by spraying shacks down with peroxide multi-surface cleaner and disinfectant spray at the beginning and end of every shift. Everyone has done a great job at social distancing on their breaks and wearing masks while they are in the buildings. With this warm weather the smell of mushrooms was in the air! Aaron found a couple of patches of mushrooms this year and shared a picture from his first hike, unfortunately he only brought pictures.

Line 2 has a new Toyota forklift and will now be able to keep up with daily production.

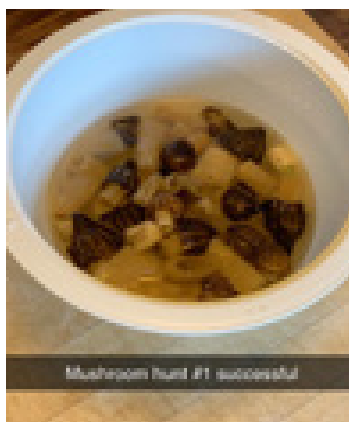
The Paint Room is brighter than ever with their new lights that have been installed. The new LED lights will be helping the quality of our painted castings. We can only fix/paint what we can see!

Chelsea Hoskins' son, Carter Hoskins, graduated Williamsport pre-school. Congratulations little buddy!

We are also welcoming two new Interns to the cleaning room starting this month! Ben Hiller and Will Becker will be assisting us with developing Inspection Sketches and Casting Manipulation Training videos. The completion of these projects will aid towards the company's new initiative to help new employees reach their full potential.



New lights in the Paint Room



Aaron's find from his first mushroom hike



Line 2's new Toyota forklift



Chelsea Hoskins' son, Carter Hoskins

VISON 2020

A Harrison Steel initiative to help employees reach their full potential.

On The Job Training Program

- Extensive day to day On The Job Training with **Subject Matter Experts**
- Exemplified employee expectations and clear outline of **Safety Protocols**

Learning Contract

- All New Interactive Training Videos with Step by step job specific **procedures and techniques**
- Detailed Subject Matter Expert lead **Pattern Specific casting manipulation** videos

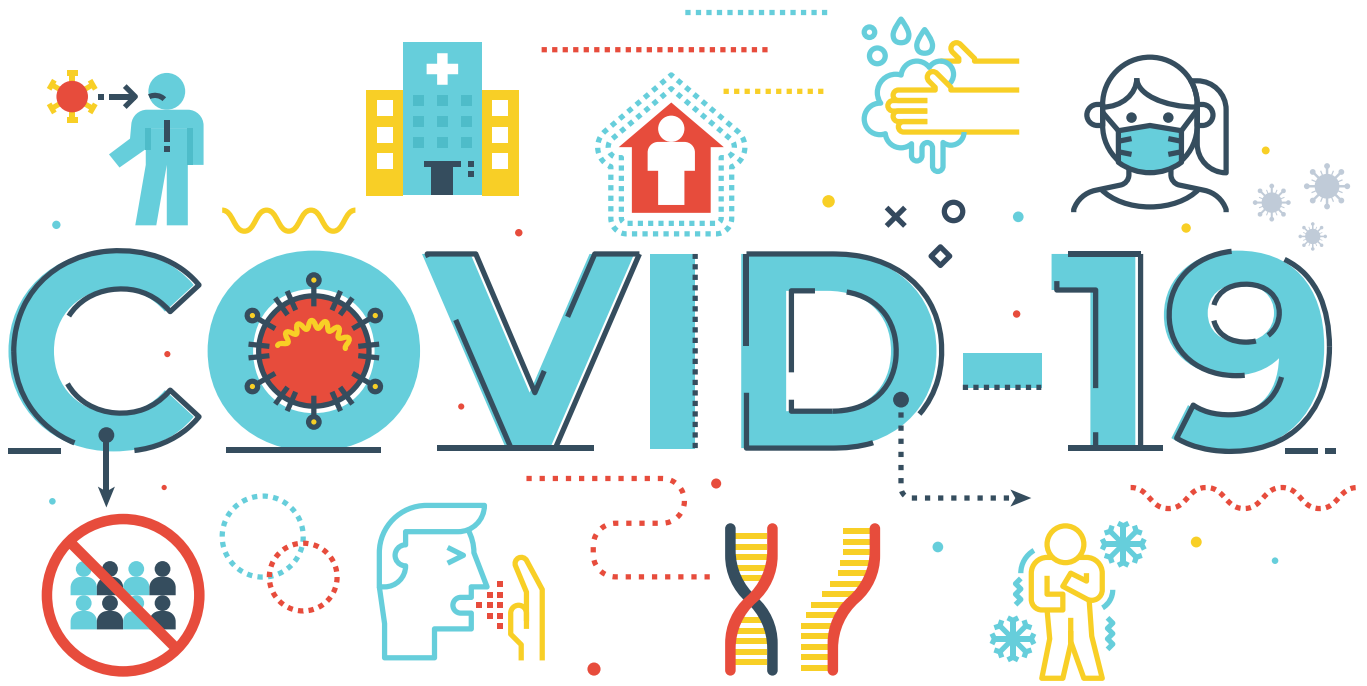
Training Documents

- Established to help **employees reach full potential**
- Job specific procedures and techniques by Subject Matter Experts with **40 years of experience**

Training Videos

- Established to track the progress of a trainee to **streamline the training program**
- Timely feedback from trainers on trainees **progress and potential**

Training Evaluation & Task Feedback



Covid-19

INFORMATION ON NOVEL CORONAVIRUS (COVID-19 OR SARS-COV-2)

The virus that causes COVID-19 is thought to spread mainly from person-to-person, between people who are in close contact with one another (within about 6 feet) for a prolonged period of time through respiratory droplets when an infected person coughs or sneezes. It may be possible that a person can get COVID-19 by touching a surface or object that has the virus on it and then touching their own mouth, nose, or possibly their eyes, but this is not thought to be the main way the virus spreads. Maintaining 6-feet social distancing remains important to slowing the spread of the virus.

Harrison Steel has implemented several different practices designed to protect all employees and the community during this pandemic.

POLICY CHANGES THAT MUST BE FOLLOWED BY ALL EMPLOYEES:

- Stay home or immediately leave work if you become sick.
- Employees must inform their supervisor if they or their co-workers develop symptoms at work, especially fever, cough, or shortness of breath.
- To return to work after an illness, employees need to pass First Aid's return-to-work process.
- Social distancing (maintain 6 feet from others) is required whenever possible. Social distancing is also required at our designated smoking areas and at vending machines, refrigerators, and microwaves.
- Employees are required to wear a mask or face covering when there is potential to be within 6 feet from another employee. Reusable masks need to be cleaned regularly.
- No more than 2 people per break tables at a time. Plexiglass dividers are provided and need to be kept between individuals.

- Departments are required to clean and disinfect all surfaces that may be touched by more than one person before every shift, such as workstations, countertops, and doorknobs. More frequent cleaning is done as needed.
- Janitorial staff are cleaning and disinfecting break rooms up to 9 times per day and plant restrooms at least 3 times per day.
- Shifts and breaks are staggered in most areas to limit contact between employees. Do not arrive when another shift has not left yet, and do not wait around when the next shift is due to arrive.
 - Basic infection prevention measures need to be followed to protect your coworkers, including frequent hand washing or sanitizing, covering coughs and sneezes, avoiding touching your eyes, nose, and mouth with unwashed hands
- Do not share food or drinks. Water fountains are closed, but water bottle fill stations are open. Shared drink coolers are not allowed.
- There are no visitors allowed on property outside of necessary deliveries and contractors.
- Attendance points will not be assigned if an employee has a respiratory illness, is under quarantine, or is a caregiver for an individual that has a respiratory illness, is under quarantine, or had their regular care cancelled due to COVID-19.
- The attendance bonus for March-May has been suspended.
- The requirements for planning vacation days in advance have been removed during this pandemic.

WHEN THERE IS AN ILLNESS, WE TAKE THE FOLLOWING STEPS:

- When any employee leaves work or reports an illness, the department cleans and disinfects that employee's area.
- We have purchased special disinfectant and sanitizing solutions to help keep areas and frequently touched surfaces clean. We also use mixed bleach solutions that can be more easily distributed.
- When there is a confirmed positive COVID-19 case, we perform 'contact tracing' with the help of the employee, department, the local health department, near-site clinic, and infectious disease coordinator.
 - Inform employees of their possible exposure to COVID-19.

SICK PAY

There are multiple types of paid sick leave available to all employees. In order to receive paid sick time, employees are required to provide reasonable notice for any sick days. Contact Alanna at **765-762-9024** or **westjohna@hscast.com** to request your paid sick leave.

There's a lot of advice on how to be safe during this pandemic. General recommended practices to prevent infection, both at Harrison Steel and in the community, include:

SAFE PRACTICES

- Take your temperature before reporting to work. Other symptoms to look for include aches and coughs.
- Prop man-doors open whenever possible to increase air flow.
- Avoid close contact with people who are sick.
- Use door handles, as those get cleaned more frequently than doors/windows.
- Individuals should, to the extent practicable, limit trips out of their home. There are no quarantine requirements for traveling within the United States.
- Have extra medications, healthcare supplies, and groceries on hand in case of a need to stay at home for an extended period of time.
- All individuals should use online or call-in ordering of goods and services with either delivery or curbside pickup to the greatest extent practicable.
- All individuals should limit the number of household members who travel to and enter stores for the purpose of making necessary purchases to the minimum necessary.

WHEN GOING OUTSIDE OF YOUR HOME, FOLLOW THESE GUIDELINES DESIGNED FOR THE GENERAL PUBLIC:

- Limit the number of people in your party when in public
- Minimize touching items
- Utilize social distancing
- Limit traffic flow
- Use sanitizer or disinfecting wipes
 - When you do not have easy to access soap and water, use hand sanitizer that contains at least 60% alcohol.
- Wash your hands when you go home
- Wash hands with soap and water for at least 20 seconds.
- Key times to wash hands:
 - Before and after work shifts
 - Before and after work breaks
 - After blowing nose, coughing, or sneezing
 - After using the restroom
 - Before eating or preparing food
 - After putting on, touching, or removing cloth face coverings
- Cover coughs and sneezes
 - Cover your mouth and nose with a tissue when you cough or sneeze or use the inside of your elbow. Throw away the used tissue and do not use a handkerchief.
- Don't touch your face
- Wear a mask or other facial coverings in public settings

FEELING STRESSED? HERE ARE SOME RECOMMENDATIONS FOR COPING WITH STRESS DUE TO THE PANDEMIC:

- Take breaks from watching, reading, or listening to news stories, including social media. Hearing about the pandemic repeatedly can be upsetting.
- Take care of your body.
 - Take deep breaths, stretch, or meditate.
 - Try to eat healthy, well-balanced meals.
 - Exercise regularly, get plenty of sleep.
 - Avoid alcohol and drugs.
- Make time to unwind. Try to do some other activities you enjoy.
- Connect with others. Talk with people you trust about your concerns and how you are feeling
- Consider calling your HS Employee Assistance Program at **(800) 898-2273**

CONTACTS AND MORE INFORMATION:

- Harrison Steel Attendance Line: **765-762-2481** option 8 and select your department's number
- Harrison Steel First Aid: **765-762-9091**
- Fountain/Warren County Health Department: **765-762-3035** or <https://www.fwhealth.org/services/preparedness/coronavirus/>
- WeCare Clinic at Harrison Steel: **765-762-6789**
- Indiana Department of Health: <https://coronavirus.in.gov/>
- Back on Track Indiana: <https://backontrack.in.gov/>
- Centers for Disease Control and Prevention: <https://www.cdc.gov/coronavirus/2019-ncov/index.html>
- Occupational Safety and Health Administration: <https://www.osha.gov/SLTC/covid-19/>
- Call Anthem's 24/7 NurseLine at **800-337-4770**
- Anthem's LiveHealth Online Mobile at <http://livehealthonline.com/>
- CDC's self-checker is available at <http://www.cdc.gov/coronavirus/2019-nCoV/index.html>
- IU Health's Virtual Visit screening service through an app or <http://iuhealthvideovisit.org>

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FOUNTAIN & WARREN HEALTH DEPARTMENT
PREVENT • PROMOTE • PROTECT

HOME SERVICES COMMUNITY RESOURCES NEWS CONTACT

CORONAVIRUS DISEASE

Coronavirus Disease - COVID-19

The Coronavirus Disease emergency is changing quickly. You need to find honest and trusted answers for your questions. The information on this page is from the Fountain & Warren County Health Department.

Fountain/Warren County Health Department, <https://www.fwhealth.org/services/preparedness/coronavirus/>

MENU IN.gov Novel Coronavirus (COVID-19) Indiana COVID-19 Dashboard COVID-19 Testing Information Public Resources Professional Resources Contact ISDH SEARCH

Gov. Eric J. Holcomb

[Click here to find a testing site](#)

2019 Novel Coronavirus (COVID-19)

Coronavirus Home

Indiana Department of Health, <https://coronavirus.in.gov/>

Quality Corner

The Quality Department has welcomed many new team members since last publication. Gamma Ray welcomes Jon Anderson as their newest Soundness Technician. Michael Greer and Todd Mason have returned to Harrison Steel to resume their positions as inspectors.

As mentioned on our Last Tapping Out the Layout Department is rapidly evolving to embrace new laser scanning technology. We have seen a tremendous uptick in demand for laser scanning as opposed to the traditional pen and paper conformances which used to be our bread and butter. We currently have two Faro Laser scanning arms, and we have been heavily focused on training to learn the new technology. Below are four of our most recent scanning projects – the progression of chickens!



Pattern Shop

The Pattern Shop has been staying busy this spring with a few new projects. Amir Baghani is working with the Engineering department and 271 to improve the performance of the compaction tables. He developed a test for determining the level of compaction and found the tables were in need of an upgrade. After testing the optimization of the current motors and it not being enough, a proposal for new motors has been accepted and is in the process of being purchased. Along with studying the compaction tables, Amir has been using ABAQUS to predict stress and deflection in some of the cores, in hopes of making more consistent and predictable cores. The Pattern Shop is also helping with improvements around the plant by repairing benches and picnic tables and Foundry Engineering is busy with auditing and updating blue books.

As well as new projects, we have one new face this summer. The Pattern Shop would like to welcome our intern for the summer, David Hays. David is a recent high school graduate from Seeger High School and plans to study Electrical or Computer Engineering in college. His main hobby is working on electrical projects, the most notable being his 6502 single board computer he built himself. During his internship here, David is working on making inspection sketches and helping with a project for the Steel Founders' Society.

We wish everyone the best and hope you all stay safe.

Sincerely,
Erin Boles



Summer intern, David Hays



Amir Baghani, testing

Machining

We hope this edition of Tapping Out finds you in good health and doing your part to protect yourself and family and friends. Things have certainly changed in our world and we need to do our part to make sure we're doing everything we can to stem the spread of the COVID-19 virus.

I personally had to go into quarantine for 14 days after exposure to someone who tested positive. I also tested positive, but thank the good lord that I did not have any symptoms or ill effects from it. My wife did not test positive but showed a couple of symptoms. We stayed home and hunkered down. It is really weird when you can't do the things that you take for granted every day.

We had stocked up on groceries and other things but after a while, your supplies run low. We had family and friends going to the stores for us and dropping things off on our front porch. We hated to bother them

but we definitely did not want to expose anyone else. Not what we are used to at all. Things are back to normal for us and we appreciate what freedoms we do have now. We still wear masks and keep our social distance, so as not to contract the virus again or possibly spread it to someone else. Please everyone, do your part!

We have two new employees in the shop. Isaac Mickle is a new hire that is training on our engine lathes. He is the son of Monte and a brother to Evan Mickle. Great to have you, Isaac! In addition, we have a transfer from line five. Russell McKerlie is now doing a great job of moving our parts around with a fork truck. In addition, we have a returning summer helper in our maintenance machining area. Jacob Demumbrum is back to help Rex Stone out with anything and everything. Glad to have all of these guys on board to help us get the job done. We continue to move our staff around to

satisfy our customer requirements. It can be a struggle, but it builds a better workforce by having our people trained on more than one machine.

The summer months are upon us and we hope to be able to get back to a normal lifestyle. Hopefully, the kids will be able to play their summer sports and we parents and grandparents can enjoy going out to the ballparks and supporting our little ones. Congratulations to all of the graduates, whether it be Preschool, Kindergarten, High School, or College. I'm sure the school year was not exactly what they had imagined or how they planned on ending their final months of school. I hope everyone has a safe and enjoyable summer.

Sincerely,
Matt Coats

Lab and Furnace

ARCS AND SPARKS

The warm weather is here. Remember to stay safe and hydrated!

COMEDY CORNER:

What did the corn farmer say to his son when he tells a bad joke? "That was corny."

What does a cartoon bull eat for lunch? A bull-looney sandwich.

Where does a snowman put his money? In the snow-bank.

Enough of space-filling prose, let's move along.

Fun melting facts about 2020: 555 heats melted. 21,786,452 lbs or 10,893 tons of steel melted and poured. That equates to 3,455 castings poured!

Throughout 2020, MetLab has pulled 423 tensile bars, checked 542 final chemistries, broken 324 charpy bars, and qualified 212 semi-trailer loads of purchased scrap.

Since the last Tapping Out we've hired Levie Lemeau and Jacob Purcell in the furnace department. Also joining us full time is Jacob Melvin. As of May 11th, he's started full time as our Metallurgist in the Metlab.

I would also like to congratulate William Clarkston for his achievement in becoming an 'A' Melter! He is one of only two 'A' melters in the Furnace Dept. today. It is well earned. Congratulations!

Everyone have a safe and cool summer from the Metlab/Furnace Department!

Sincerely,
Shawn



Jacob Melvin, Metallurgist

Our own James Russell II
 Foundry Engineer in the
 Pattern Shop was recently
 featured at moderncasting.com
 and tagged on American
 Foundry Society's social media.



American Foundry Society

May 21 at 7:05 PM • 🌐

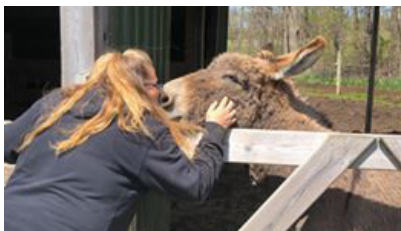
"I've enjoyed the process, the building of the mold, and just the people in this industry," says recent **Purdue University** grad James Russell, who now works at **Harrison Steel Casting Company**.



Read James' story at
moderncasting.com/Column/2020/05/13/recent-grad-discusses-career-path-metalcasting

#QuarantineLife Photo Contest

When the plant temporarily closed due to COVID-19, many Harrison Steel co-workers found themselves quarantining at home with their families and pets. We did a call-out on social media for your photos of quarantine life around your homes, and randomly drew winners to receive cash and local restaurant gift cards. It was a win-win for HS employees and a great way to help support our Attica restaurants during the COVID-19 closures. Thanks to everyone who participated and brought a smile to our faces with their photos of family, grandkids, pets, and projects! Here are a few of the winners.



Contest winner, Billie Littleton



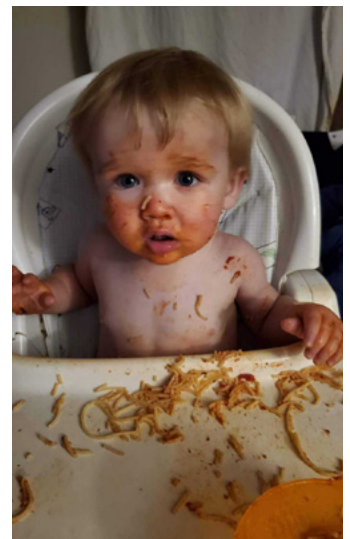
Contest winner, Larry Askren



Contest winner, Mark Mitton



Friend of HS, Katie Green



Grand prize, Brad Summers



HARRISON STEEL
CASTINGS COMPANY