

Tapping Out



HARRISON STEEL
CASTINGS COMPANY

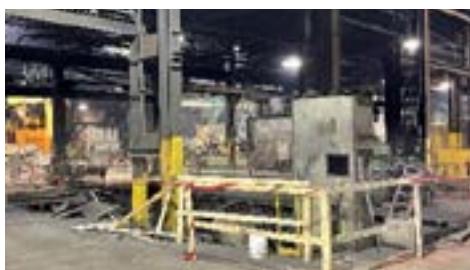
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IN FULL COLOR

IN THIS ISSUE



Retirements, [pg. 3](#)



Nelle Bell removal, [pg. 6](#)



Veterans, [pg. 7](#)



Human Castings, [pg. 3](#)

Shout Outs!

MILESTONES THIS ISSUE		
NAME	YEARS OF SERVICE	DATE
Roger S. Beedle	35	7/28/87
Christopher A. Lynn	20	7/24/02
Charles Trafford	15	7/1/07
Quintin L. Odore	15	7/3/07
Nathan J. Sandlin	15	9/10/07

NEW HIRES

Anna Kauffman joined us on July 11, as our Human Resources Employment Specialist. She obtained a Bachelor of Science in Public Relations with a focus on communication studies from Illinois State University. Originally from Illinois, Anna relocated to the Indiana area earlier this year. She enjoys reading, spending time with family, cooking, and hiking with her dog Stark.



New hire, Anna Kauffman



New hire, Mason McCollum and fiancée Shay Oakley

My name is Mason McCollum. I'm a new Process Engineer in the Cleaning Room. I grew up in Wallace, Indiana and graduated from Fountain Central in 2018. Then I went to Purdue University to study Mechanical Engineering Technology. I've always been an avid outdoorsman, but at Purdue I found my biggest hobby which is tournament bass fishing. There, I joined the Purdue bass fishing team. Now I participate in local kayak tournaments on Raccoon Lake, the White River, and the Tippecanoe River. I am currently living in Mellott with my fiancée Shay Oakley. We have been together since September of 2016 and will tie the knot in September of 2023. Harrison Steel is my first engineering job since graduating from Purdue, and I'm very excited to learn and grow as an engineer here.

BABY ANNOUNCEMENTS

The newest addition to the Noggle family, Luke Brooks, was born on August 15, 2022. 6lb. 15oz., and 20.25" long. Proud Grandparents: Lori (Matt) Coats, Quality Dept. and Paul (Jaci) Scheurich, Pattern Shop.



Luke Brooks Noggle

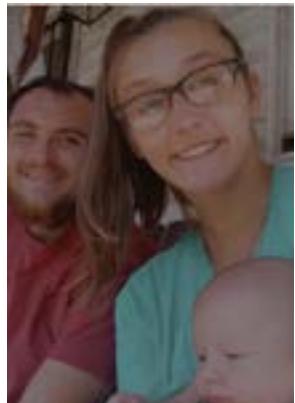


Luke Brooks with his proud siblings, Ella (7) and Lane (4)

Congratulations to Tyler Wigley and Angel Groff on their newest member of the family: Preston Wigley. We are certainly happy that everyone is healthy and it's great to have Angel back at work.



Luke Brooks Noggle



Luke Brooks with his proud siblings, Ella (7) and Lane (4)

RETIREMENTS

Robert (Bobby) Thompson retired from our Electrical Maintenance Department on 5/31/2022. Bobby was first hired on 5/31/1972. Over the past 50 years, he has been a familiar face, electrician extraordinaire and prodigious storyteller. He is missed already!



WHAT A CATCH



Jack Seaman recently found this big fish in the water near his boat. With a little coaxing, the fish jumped into the boat and a good time was had by all.

45" Muskie – Lake Evergreen, Bloomington, Illinois.

Jack is our Controller at Harrison Steel and knows a thing or two about fishing.

Jack Seaman with the 45" Muskie

Human Castings

THOUGHTS FOR GROWTH AND DEVELOPMENT

"ALL WORK AND NO PLAY makes Jack a dull boy (and Jill a dull girl)"!

I feel like many of us have forgotten how to play and don't understand the importance of play. The pressure and stress of trying to survive leaves little time for play and fun. And yet, truth be told, we really cannot afford not to play! Playing is how we connect, it helps us maintain our social well-being, it's how we build community, and it's how we develop an attitude of teamwork.

We want to create opportunities for Harrison Steel employees to play. Yes, there is a golf league, but few of us play golf. We're talking about "the fastest growing sport in America"! 4.2 million Americans are now playing PICKLEBALL!!! A game everyone can play!

Some Harrison Steel employees are currently playing on Tuesday evenings. We are prepared to add Monday and Wednesday evenings if needed. Interested? Sign-up and come join us!!!

*Paddles will be provided until you purchase your own. -Dave Clark



Sign up
to play!



Production Incentive Bonus Program

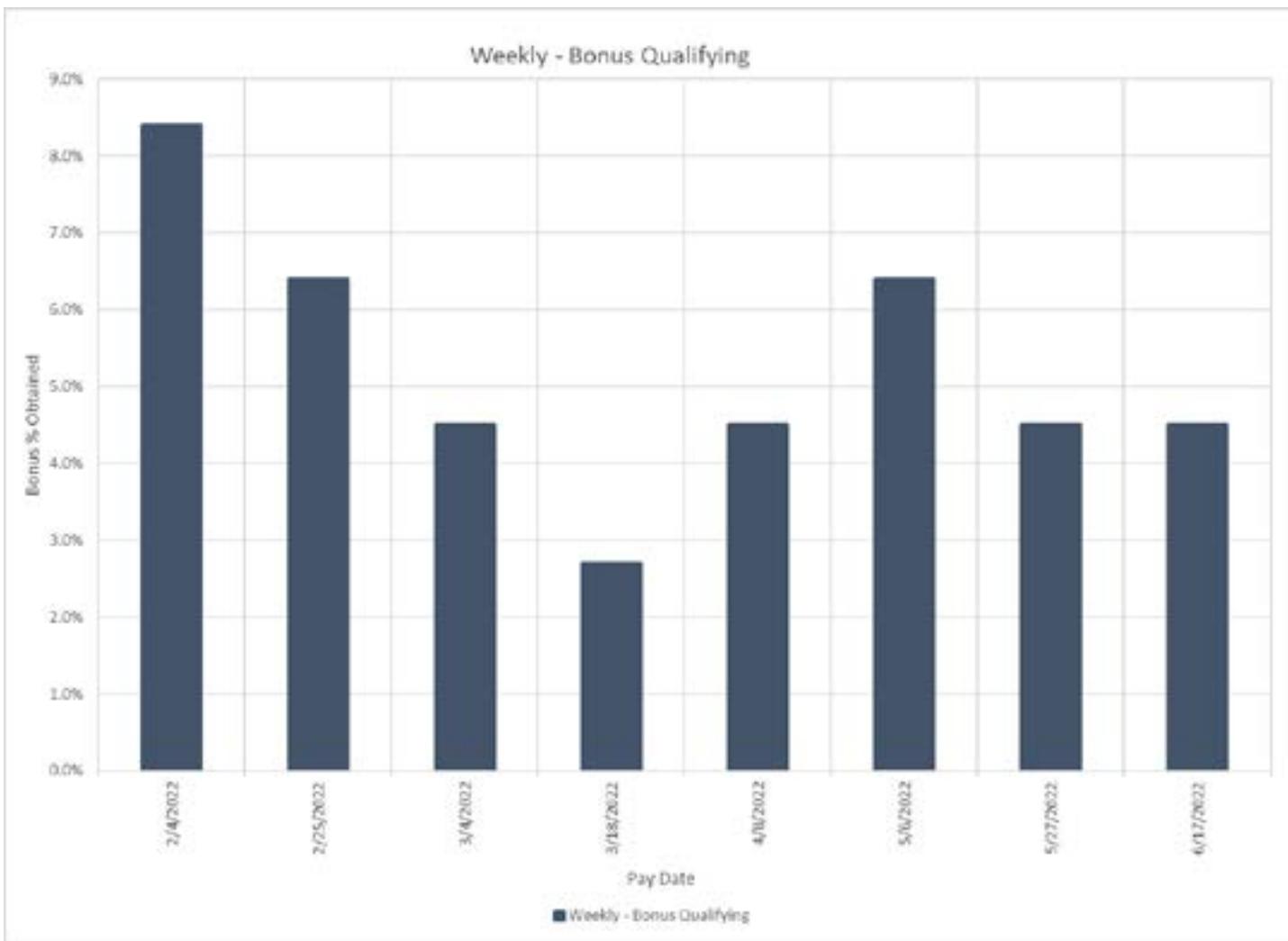
At the beginning of 2022, Harrison Steel introduced a weekly incentive bonus program. The goal of the program is to reward employees when the company as a whole is successful in achieving its production goals. Within the first six months of the program implementation, we achieved an average bonus of 1.7%. Summer has been a little bit of a challenge, but during the last full week of August, a 2.7% bonus was obtained. We are hoping to keep this momentum going through the end of the year! If you are interested

in cross-training for volunteer work in the cleaning room, please talk to your supervisor. Thank you to those of you who have already stepped up where needed – your hard work does not go unnoticed!

please contact Brittany Stalter at stalterb@hscast.com or **762-9020**.

Brittany Stalter

Bonus progression is posted to HSTV throughout the week and communicated in morning meetings. After payroll for the week has been posted, an email is sent out to the entire company to communicate the results. If you have thoughts or suggestions on how the weekly bonus progression can be better communicated to the company,



My long Overdue Plant Tour

I have worked here for more than 4 decades. I have been on an official tour twice. I went out to see the new AML just after it was installed. I got to talking to Jeff Franklin who was the project manager at that time. I must have been talking for too long and the remainder of the tour left without me. So that was as far as I went. The cleaning room has been a mystery to me except for what I can see from outside of the big doors on plant #2.

I went on my second tour last week with Anna Kauffman. She has just started going into the plant and I was somewhat of her test. I cannot tell you how amazed I was by the work that is going on at this facility. I have heard about different jobs and what they do but I was not expecting all of this. Pictures that I have seen do not come close to showing what it is really like. Fascinated is about the only word I can use to describe how I felt.

As I know a lot of the employees I was so glad to see everyone in their work area making things happen. I knew there was a core room, line 7, a shakeout and ovens but I didn't know where these places were. Now I can visualize these things when they are mentioned. I talked to several people and asked them what was going on around me. I appreciate the time everyone took to try to explain things to me. Hope I didn't get in your way.

I have always been proud to be an employee of Harrison Steel. To have such a company nestled right here in the town is so surprising. It's not what you would expect when you read the welcome to Attica signs. I have a new appreciation for everyone who has some hand in the making of these big beautiful castings.

There is one more thing I would like to do. I would like to watch a heat being tapped. I am sure there will be many more questions with that. Soon I hope.

Lynn Lanham



Furnace & Metlab

I would like to introduce a new hire, Willie Kerst. Willie is the grandson of "Bill" Kerst. "Bill" Kerst Sr. was hired in '51 and eventually became a supervisor in the melt department. Bill Kerst Sr. is one of 32 names from the melt department on display in the Metlab hallway In Memorandum. This is the same display where the old 'heat bell' (a saw blade) was retired back in 1959. Willie will be working in the Scrap Yard for us and we are happy to have him on board!

In the furnaces we've done a few things to help clean and organize the area:

- We have a well organized kanban room now with a replenishment system in place to help maintain organization.
- We have new hooks for BRI guns in addition to hooks for shovels. Thank you, chill room for these!
- Payton, our intern, has helped to make sure the BRI gun hose connections are all in the same direction.
- Another improvement in the area was

moving the oxygen lance hose along the back wall eliminating a tripping hazard.

Fun Foundry Facts (YTD):

- 913 heats tapped
- 17843 tons of steel melted
- 530 tensile bars pulled
- 4631 castings poured

Why did Hans Solo not enjoy his steak dinner? *It was chewie.*

What did one dinner plate say to the other dinner plate? *Tonight, dinner is on me!*

Did you hear about the surgeon who enjoyed performing quick surgeries on insects? *Yeah, he did one on the fly.*

Fall is around the corner. School is in session and sports are back in full swing.

*Shawn Martin
Furnace & Metlab*



Foundry

Here is a list of “first jobs” from the Foundry Supervisors and Foundry Leads. See if you can match a name to the first job:

1. Detasseling corn	A. John Allen
2. Cut weeds out of beans	B. Tom Anderson
3. Purdue maintenance	C. Dusty Beedle
4. Macho Nacho at Six Flags	D. Nick Cunningham
5. Cleaning horse stables	E. Jamie Halsema
6. Garbage truck	F. Jerry Howard
7. Saw Mill	G. Chris Lynn
8. Bailing Hay	H. Mark Mitton
9. Farming	I. Rick Rothrock

FOUNDRY PROJECTS

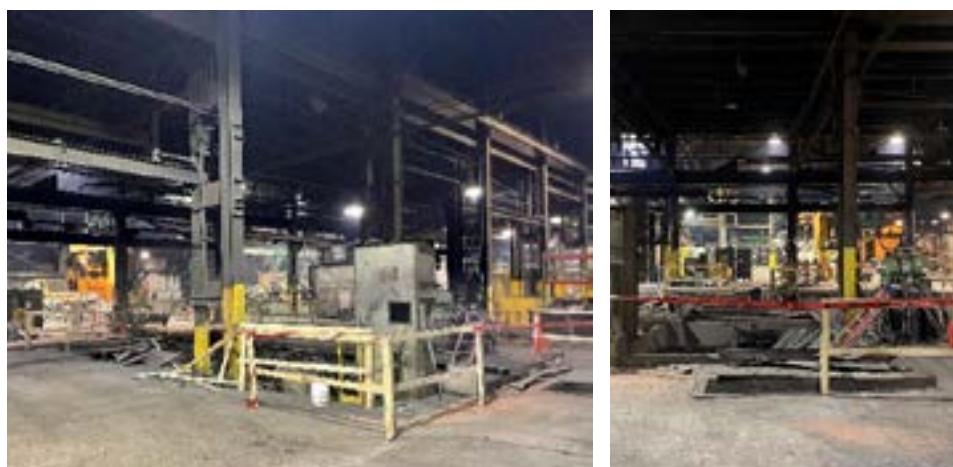
One exciting project going on in the Foundry right now is the Sand and Wash Data Collection project.

In collaboration with the IT department, we are accessing the data that is available in certain areas of the Foundry. We are consolidating that data into a usable format that we can analyze and make educated decisions with. At project completion, we will have “mini reports” with just a snapshot of the data available to all parties interested. Some data we are collecting includes sand temperatures, sand testing, sand calibration, and wash testing. In the early stages of the project, we have put some temporary parameters in for sand temperatures. This will give us direction on when we should be vibrating the molds, and when not to vibrate the molds. During the summer months we typically struggle with hot sand (sets up too quickly to vibrate). Sand testing includes LOI (loss of ignition), Seave, Tensile, Metallics, ph and moisture.

Some things that we measure for the core and mold wash and currently do not use are the Baume, wet mill thickness at different flood coat stations and ensure that the mixers are at the correct speed.

Cleaning Room

As you may have noticed near the north shakeout bay, an old-time machine that has outlived most of us at Harrison is being taken out. The Nelle Bell, that has been at Harrison since the 1950's, was once a key production factor here in the cleaning room but as we moved towards larger parts it was retired. The Nelle Bell is being replaced by a large 5-wheel blast that can fit all our parts we make today including the 4bar and main beams. Keep your eyes out for continuing construction and progress being made on getting the Nelle Bell out and the new 5 - wheel being built.



Wanted to give a shout out to the Veterans of the Cleaning Room. Dave Pickett is pictured here with some of his fellow men on top of Mount Ijima in Japan. He was a member of the Navy. We also wanted to recognize burners Steve Howard and John Woody who both served in the Army in the 1970's. Both men spent some time stationed in Germany. Make sure to thank these men when you see them and Happy Labor Day!



Dave Pickett & men on top of Mount Ijima in Japan

We recently put in a new crane at the heat treat station in the cleaning room. It is a 10-ton crane that will help our heat treat operators maneuver castings better than before. Maintenance had some trouble getting it set up, but we want to thank them for working hard on it and getting it put in for us. Be on the lookout for Ole Greg Odle quenching castings with his new equipment!



New press in the cleaning room

We have recently installed a new Press here in the cleaning room right outside the office doors. This will help improve production and efficiency within the cleaning room. This will be in operations soon, so be on the lookout!



New crane in the cleaning room



Engineering & Maintenance

The last couple months have been extremely busy in the Maintenance/Engineering Department with several exciting projects in the works or completed.

The new 10-ton quench crane system for line 5 is installed and in use by production. This crane is twice the capacity of the old crane, has more lifting-room, and is much faster.

Our new, 500-ton hydraulic press has also been installed. This new press is almost ready for production use. Just waiting on a little machining work and one part. It is a much-needed upgrade to the old line 5 4-post press with a much bigger working envelope. It also is capable of operating at

different speeds and variable force.

A third major project in the works is the new (to us) G&L G60 boring mill. This machine will be located in the northwest corner of the South Finish Machining Building and is very similar to the other three boring mills in service there. The foundation is poured and the surrounding drain is ready to be finished. After this, the machine can be installed.

It has been a bittersweet past month for a lot of us out here as we say goodbye to the Nelle Bell blast machine. You may have noticed that there is now a large open space in the cleaning room where this iconic, hard-working blast sat for nearly 70

years. If anyone knows the true story of how the Nelle Bell got its name, we would love to hear about it in Engineering.

We are sad to see it go, but excited for what is coming in...a new, large spinner-hanger primary blast. This new blast will be similar to the 5-wheel in Cleaning Room 2, but will be much larger with 12.5 tons of lifting capacity and a 15' X 12' opening. This blast is expected to be installed in first quarter 2023.

Thanks everyone for another great summer. Looking forward to what the rest of 2022 brings!

Derek Hughes



The new quench crane system for line 5



New hydraulic press



Foundation prepped for boring mill install



Nelle Bell removed

Sales

Harrison Steel Castings is no stranger to producing safety-critical, highly engineered steel castings. However, with the addition of American Metal Bearing (AMB), Harrison Steel is in a position of meeting one of its biggest challenges yet. American Metal Bearing is located in Garden Grove, California, and was founded in 1921. Ironically, their start was in supplying specialty bearings for early Indy racing cars. Today, AMB is a leading supplier of bearing propulsion systems to the United States Navy. Harrison Steel is excited to announce it is launching four brand new part numbers with AMB. AMB products must perform in the harshest, most punishing environments. Therefore, Harrison Steel Castings must also supply castings that perform in these climates. Harrison Steel Castings is playing a small, but critical, role, in keeping the United States Navy fleet operating at the highest level possible. It is humbling to think that steel castings produced right here in Attica, Indiana could end up traveling the world via a U.S. Missile Destroyer or U.S. Submarine.

Thank you, American Metal Bearing, for entrusting Harrison Steel Castings to be your partner!



The market(s) served by our next new customer is not new to Harrison Steel Castings. In fact, the parent company is quite familiar to many at Harrison Steel Castings; yet, this division is brand new to HS. Harrison Steel Castings is pleased to now be partnered with Komatsu Mining, based out of Milwaukee, Wisconsin. (HS is a proud, long time supplier to Komatsu America Peoria.) Harrison Steel Castings is launching three brand new part numbers with Komatsu Mining. All three of these castings will end up on a Komatsu Hydraulic Wheel Loader and will be expected to perform in the most demanding scenarios. From the very onset of these three new projects, it was obvious our two organizations had great synergies. Harrison Steel Castings understands producing tough, reliable castings and that is just what Komatsu Mining is expecting.

Thank you, Komatsu Mining, for believing in Harrison Steel Castings to be a partner in supplying highly engineered castings to your organization.

Kevin Cherry



Not Your Daddy's Profit Sharing



IT'S THAT AND SO MUCH MORE !

Your Harrison Steel Retirement Plan is one of the best in the industry. Your plan is *unique* in that not only does the company match your payroll deferrals up to 3% (to the tune of over a half million dollars in 2021), but successful years also result in profit sharing distributions to your account! In 2021, that resulted in an extra **1.3 million** shared with you and your coworkers. And because your funds are held at **Vanguard®** your fees are well below industry average! Review your deferral rate today and make sure you are making the most of an excellent opportunity to ensure the retirement you deserve!





HARRISON STEEL
CASTINGS COMPANY

COMPANY PICNIC

September 17, 2022 | 5:00pm

LOTS OF FUN FOR ALL!



LIVE BAND



FOOD TRUCKS



FIREWORKS



BOUNCE HOUSE



HARRISON STEEL
CASTINGS COMPANY