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Improvement Idea Winner

By Johnathan Rex, Plant Mgr.

Congratulations! **Kris Hunsicker**, Heat Treat Supervisor on the "A" Shift, is (once again) the Improvement Idea winner for the month of September.



Kris's suggestion is to install a jib hoist behind furnace 680 making it easier to pull first article product to be tempered at a different temperature than 681 is operating at. Not only will this improvement make it safer and easier for the Furnace Operators but it will also be very useful for the Maintenance department.

A total of 9 improvement ideas were submitted in the month of September. Others contributing ideas were **Terry Copenhaver**, with 2 ideas, and **James Forbes, Gregory Smith, Adrian Rivera, Greg Bruno, Michael Jackson, and Chuba Blaze**, with 1 idea each. Thank you, everyone, for letting us know your ideas for improvements here at Rex.

The next Improvement Idea spin will be held on Monday, October 24, at 3:10 PM in the Induction area. Kris will be drawing the name of one lucky employee for the "Employee Appreciation" spin. Please come and join us if you can. Perhaps your name will be drawn and you'd have a turn to take a spin on the Rex Wheel of Chance.

Write your improvement ideas down on an Improvement Idea form, or just a plain piece of paper, and drop them in the box outside of door of the Production office. You could be the next winner!

Free Coffee Day!

To celebrate those employees with Birthdays in October (see Birthday Listing on page 3), there will be **free coffee** from the vending machine starting early AM on October 24th through early AM on October 25th. ENJOY!

HAPPY BIRTHDAY TO ALL!

Monthly Winners

By Johnathan Rex, Plant Mgr.



Kris Hunsicker (right), the Improvement Idea winner, is congratulated by Johnathan Rex after his spin on the Rex Wheel of Chance.

Our Improvement Idea winner for the month of August was **Kris Hunsicker**, Heat Treat Supervisor on the "A" Shift. Kris, along with Chuba Blaze, James Forbes, Vindon Griffin Jr., Evelyn Chmielewski, John Moss, and Cory Hunter, who also put in improvement ideas in August, received a "Thank You" pin and a \$5 lottery ticket.

A name was drawn for the "Monthly Employee Appreciation" reward. That lucky winner was **Chris Constable**, Sales Manager, who won a reward of \$75 on his spin.

Then slips were drawn from a bucket that contained the names of all Rex employees. Five names were drawn and the winners each received a \$5 instant lottery ticket. Those 5 lucky winners of lottery tickets were **Fred Cherezov, Frank Rapine, Sandy Zigon, Nancy Gardner, and Sharley Dubissette**.

Kris Hunsicker took his spin on a later date and won a reward of \$150 plus 1/2 day vacation.



Chris Constable (right), the Employee Appreciation winner, is congratulated by Johnathan Rex, Plant Mgr.



Chuba Blaze, James Forbes, Vindon Griffin Jr., Evelyn Chmielewski, John Moss, and Cory Hunter each receive a "Thank You" pin and a \$5 lottery ticket from Johnathan Rex, Plant Manager, for submitting an improvement idea for the month of August.

Out of all the correct guesses submitted for **The Rex Riddle**, one name was drawn to receive a \$5 instant lottery ticket. That winner was **Kris Hunsicker**.



Receiving their Anniversary gifts from Johnathan Rex were Sid Heflin (56 yrs), Nancy Gardner (5 yrs), and Adrian Rivera (3 yrs).

Everyone who was there enjoyed some cookies and fruit and free hot beverages from the vending machine.

Come to next month's spin to see if your name is drawn as the next Employee Appreciation winner. It could be you taking a spin the Rex Wheel of Chance!

Use of Metals in Glass Making

By Dave Brough, Technical Mgr.

On a recent vacation, I had an opportunity to visit a colonial glass making factory in Massachusetts. I was surprised to learn that metals are used to provide strength and color characteristics in glass. In some ways glass making has similar characteristics as that of metal making in that the products start as a molten material, alloying elements are added to produce different strength and color characteristics; and that once glass hardens, it must be tempered so it does not crack.

Early glass factories were set up where there was a ready supply of silica, the essential material for glass manufacture. Silica requires very high heat to become molten. To melt the sand to make glass, the furnace has to reach a temperature of approximately 3,600°F (1,982°C), something furnaces of the time were unable to achieve. So materials (potash, soda) needed to be added to modify the silica network to allow the silica to melt at a lower temperature, and then other substances (lime) added to rebuild the weakened network and make the glass more stable. Only sand of exceptional purity, white sand, is sought to make clear glass.



Quartz sand (silica) is the main raw material in commercial glass production.



Glass is colored by adding metallic oxides while it is in a molten state. Because of the presence of iron in sand, glass with a greenish color mostly results. Copper oxide also produces red and green, cobalt makes blue, and gold produces red glass. Much modern red glass is produced using copper, which is less expensive than gold and gives a brighter, more vermilion shade of red. It was discovered that by adding lead oxide to the glass composition, a far more brilliant, sparkling glass could be produced than had ever been made before. This is called lead crystal.



Lead crystal ware

It Happened in October

October 2, 1908 - Henry Ford introduced the Model T (aka Tin Lizzie) automobile.



October 3, 1863 - President Abraham Lincoln declared the last Thursday in November, Thanksgiving Day.

October 5, 1921 - The first radio broadcast of the World Series occurred.

October 6, 1956 - Investigation began concerning rigged television game shows.

October 7, 1955 - The aircraft carrier, U.S.S. *Saratoga*, the world's most powerful warship, was launched at the Brooklyn, New York Navy Yard.



October 8, 1860 - A telegraph line opened from Los Angeles to San Francisco.

October 9, 1888 - The Washington Monument opened to the public.

October 10, 1845 - The United States Naval Academy opened in Annapolis, Maryland. It combined at one site a group of schools previously located in the port cities of New York, Boston, Philadelphia and Norfolk.

October 11, 1984 - Kathy Sullivan was the first woman to walk in space this day.



October 12, 1933 - Alcatraz became a federal prison.

October 14, 1923 - The first mechanical switchboard was installed in the New York City telephone system, and the exchange was called "Pennsylvania."

October 15, 1881 - The first American fishing journal, the *American Angler*, was published in Philadelphia, Pennsylvania.

October 16, 1958 - The first American objects launched into space were two aluminum pellets lofted by the U.S. Air Force.

October 17, 1829 - The Chesapeake and Delaware Canal was formally opened, linking the Delaware River and the Chesapeake Bay. The canal is fourteen miles long and cost \$2,250,000.

October 18, 1932 - Thomas Alva Edison died at the age of 84 at Glenmont, his West Orange, New Jersey home. At 9:59 p.m., Eastern Standard Time, all nonessential lights in the United States were extinguished for one minute in his memory.

October 19, 1971 - *Look* magazine ceased publication due to increasing postal rates.



October 21, 1879 - Thomas Edison invented the working electric light.

October 22, 1911 - Airplanes were first used on battlegrounds.

October 23, 1910 - Blanche Scott, was the first woman to solo in an airplane.



October 28, 1886 - The Statue of Liberty was dedicated in New York Harbor by President Grover Cleveland.

October 30, 1938 - Orson Welles performed his, "War of the Worlds" radio broadcast, based on the novel by H.G. Wells, which caused widespread panic when listeners took as true the realistically performed news reports of an invasion from Mars.



October 31, 1926 - Magician Harry Houdini died in Detroit, Michigan.

Yearly Work Anniversaries

The following employees are celebrating their Work Anniversaries in **October**

1 to 5 Years

Yao Kangni Soukpe



Over 10 Years

Chris Constable (11)

Bill Attieh (15)

Chris Sholly (17)

Kris Hunsicker (17)

James Brough (23)

You will receive your annual gift at the monthly spin.

Happy Birthday

Employees celebrating a birthday in **October** are listed below. Let's wish them a happy day.

1	Sandy Zigon
9	Tim Plaughter
15	Johnathan Rex
24	Willie Lott
26	Chuba Blaze
26	Andy Veneziale

Did You Know?

Halloween Superstitions



To ward off evil spirits, just walk backwards around your house counterclockwise three times before the sun sets on Halloween. Or, you can bury animal bones in your front yard. Or, put a picture of an animal outside near your front door.

If you see a spider on Halloween, it could be the spirit of a loved one who is watching over you.



Some people believed that if you put your clothes on inside out and then walked backwards on the night of Halloween, then at midnight, you would see a witch riding through the sky.

A rural American myth states that children born on Halloween will be protected against evil spirits their entire life and will be given the gift of second sight.



Some believe that if you catch a snail on Halloween night and lock it into a flat dish, in the morning you will see the first letter of your sweetheart's name written in the snail's slime.

When you ring a bell on Halloween, all the scary, evil spirits will fly away.



If a candle flame suddenly turns blue, there's a ghost nearby.

A LITTLE HUMOR

There was a very old man who was lying upstairs dying. His grand daughter came in and said "Hi! Grandpa."

"Hi, little sweetie" he said. "Say, are those Grandma's extra special cookies I smell?"



"Yes" she replied.



"Do you think you can sneak downstairs and get a couple for me?"

"Sure" she replied.

In a few minutes the little girl came back with a frown on her face. Grandpa asked, "What's wrong?"

"Grandma wouldn't let me have any. She says they are for after the funeral."

The Rex Riddle - #7



I may run rings around you
Or escape your clutching grip.
Or leave a treacherous trail
That gives a sudden slip.
(If you're not careful!)

You always end up winning,
While I shrink with each new meet.
Our bouts will be my ruin,
But you'll come out smelling sweet.

What am I?

To submit your guess for The Rex Riddle, take a slip out of the folder in the rack in the Production Office, fill it out, and drop it in the box outside of the Production Office door. Guesses will be taken until the morning of the monthly spin.

One name will be drawn from all the correct answers to receive a \$5 instant lottery ticket.

Can you figure out the riddle?

Answer to Last Month's Riddle

A horse is tied to a 15 foot rope and there is a bale of hay 25 feet away from him—yet the horse is able to eat from the bale of hay. How is this possible?

Answer: The other end of the rope isn't tied to anything.

Welcome Aboard!

Lewis Natale

600 Group

Accident-Proof Your Home - A Checklist

Living Room

- Are lamp, extension, and phone cords out of the way of foot traffic?
- Are passageways free of clutter?
- Do small rugs and runners stay put?
- Are curtains and furniture at least twelve inches from baseboard heaters?
- Does your fireplace have a good screen to catch sparks?
- Has your chimney been inspected and cleaned during the past year?
- Has your furnace been serviced professionally in the past year?

This checklist is from the chapter on "Everyday Dangers" in the book, **HOW NOT TO DIE** *Surprising Lessons on Living Longer, Safer, and Healthier* by Jan Garavaglia, M.D. (Dr. G)



Kitchen

- Do you keep paper towels, hand towels, curtains, and other things that can burn away from the burners and oven?
- Are stove tops and counters clean and free of grease?
- Do you turn pot handles inward so that they can't be bumped?
- Are kitchen appliances, such as your coffeemaker, toaster, and microwave, plugged into separate receptacle outlets?

Bedrooms

- Do you have a carbon monoxide detector near each occupied bedroom?
- Is your house or cell phone within easy reach of your bed?
- Do you have a light or lamp within easy reach of your bed?



Bathrooms

- Does your tub or shower have a nonskid surface, such as a mat, decals, or abrasive strips?
- Does the tub or shower have a sturdy grab bar?
- Do you keep your hot water temperature 120 degrees or lower?



Entrances

- Do all entrances have outdoor lights?
- Are walkways free from cracks and holes?
- Is your address marked outside in large, clear numbers so emergency personnel can find your house quickly?

Throughout Your Home

- Have you taken steps to reduce tripping and slipping hazards in your home?
- Is there at least one smoke alarm on every floor of your house?
- Do you have a fire extinguisher?
- Have you developed a fire escape plan?
- Do you replace worn or frayed cords promptly, and never run them under furniture or carpeting?
- Do you keep emergency phone numbers by the telephone or put them on your speed dial?
- Do you keep medicine and household cleaning solutions out of the reach of children?

Richard Hawk Inc. and www.makesafetyfun.com

ANSWERS TO LAST MONTH'S WORD SEARCH

A	T	M	O	S	P	H	E	R	E	Z	D	C	E	N
C	T	A	U	A	L	E	N	V	E	P	Q	U	E	O
L	A	G	F	E	W	G	D	J	T	B	R	Q	R	B
P	E	E	E	O	N	K	O	F	L	N	O	Z	W	R
S	P	L	B	R	I	P	F	F	A	A	Q	X	S	A
S	S	W	W	U	T	I	H	C	O	K	A	O	Z	C
Y	C	P	N	T	R	T	E	C	Q	P	H	E	O	R
Z	Q	T	N	F	O	I	O	I	N	Y	Q	Q	N	K
H	O	I	S	T	G	O	Z	I	F	E	E	X	P	Y
T	B	S	A	I	E	F	S	E	T	V	U	S	X	P
Q	G	R	E	H	N	J	G	Y	O	R	Y	Q	R	L
H	I	U	L	I	H	E	Y	D	H	A	A	W	C	H
M	M	X	K	A	E	D	I	R	T	I	N	Y	Q	C
X	L	S	B	U	S	I	C	E	H	T	W	E	S	P
E	Z	A	V	N	Y	H	Z	L	F	O	C	K	R	H

SAFETY SLOGANS:

PERSONAL PROTECTIVE EQUIPMENT IS SELF DEFENCE

THINK SMART BEFORE YOU START

TAKE THE EXTRA STEP FOR SAFETY

YOUR GOOD HEALTH IS YOUR GREATEST WEALTH