

1810-1935

Lukens Plate

World's Largest
Plate Mill

VOL. 2

COATESVILLE, PA., JUNE 7, 1935

NO. 6

Scrap Yard Crew Is Important

The Making Of Steel Starts Here

The actual making of steel in this company has its starting point at the three scrap yards, which are located at the west side of No. 2 and No. 3 Open Hearth Departments.

The thousands of tons of scrap metal in these yards, play an important part in each and every finished Lukens product.

First among the operations at the scrap yards is the loading of the scrap, by cranes, into a series of empty cars. These cars are transported by small locomotives. After the cars have been filled and the scrap has been properly sorted and weighed, the material is sent to the Open Hearth furnaces to be "charged" or melted.

The workers taking part in the foregoing operations include crane operators, engineers and conductors, scrap stockers and the weighmaster. The stock foreman is general supervisor of the whole job.

Also located at the scrap yards, in a series of bins, are a number of raw material supplies which are used each time the scrap is put into the furnaces. Some of these materials are limestone, burnt lime, charcoal, coke, coal, magdolite, chrome patch, magnesite, and rice coal. Other raw materials are located at the Open Hearth floor, nearby the furnaces.

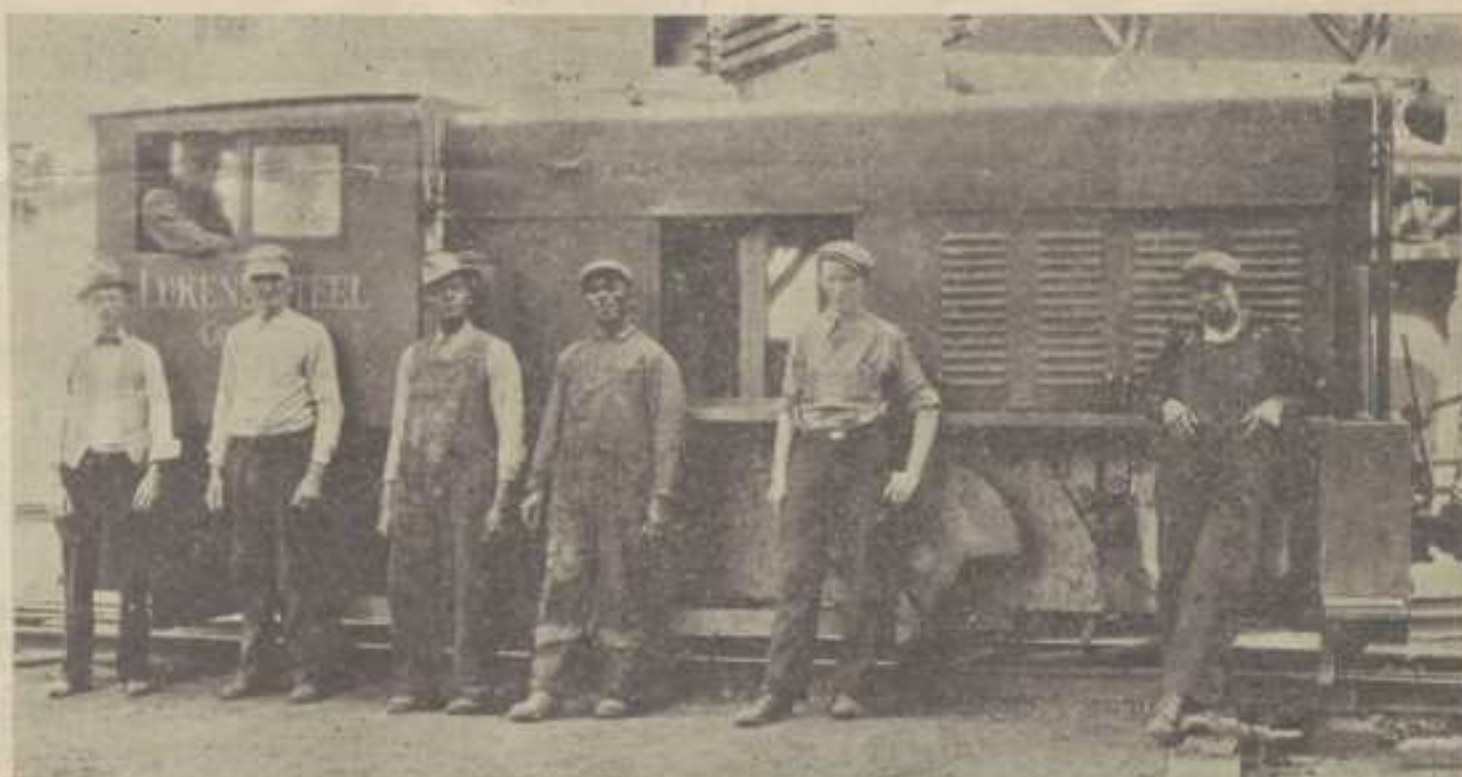
The supplies, like the scrap, are loaded into cars, weighed, and sent to the Open Hearth furnaces. The supply stocker has charge of placing the material in cars.

Stock foremen at the Open Hearth Department include Edward Rissel, Jr., Robert Maxwell, Edward Beidman and Charles Clark.

(To Be Continued.)

Safety always pays dividends.

WORKERS AT SCRAP YARD



Left to right—Charles Clark, stockyard foreman; Jesse Hartsook, engineer; John Weaver, stocker; Lee Rich, stocker; N. Peterson, stocker; Chas. Thompson, crane runner; Wm. Brickus, conductor

April-May Awards Are Announced

Awards amounting to \$60.50 for April and \$57.50 for May have been approved for payment by members of the suggestion committee which is now headed by Chief Engineer P. C. Halderman.

The April list of winners is entirely different from the May group with no one being able to make the grade for the two consecutive months.

Albert Cless' two accepted recommendations were worth \$13 to head the April list of awards. One of the suggestions involved the saving of considerable time during the changing of the middle roll at the U. M. while the other advised to turn the outside faces of the goggles true with the rolls.

Other awards for April included: William G. Ford, new improvement of safety collar and pins at No. 2 flanging machine, \$10; Joseph Hopson, new adjusting and oiling mechanism at 206" roll grinder, \$8.50; Paul March, relocation of lugs on east and west yokes of 140" middle roll, \$8; Robert Simes, new arm for oxweld cutting machine to be used for cutting bent plates, \$5; Ray Werner, attachment to operate high pressure valve on

(Continued on page three)

Lukens Host Today To Many Visitors

Am. Society For Metals Holds Session Here

Members of the American Society for Metals (Philadelphia Chapter), to the number of 150, were in Coatesville today, participating in a fine program as hosts of this company.

It goes without saying that we are glad to welcome the visitors to our midst and we earnestly hope that they have an enjoyable day.

Among the many alternatives offered the visitors are such attractive events as playing golf at the Coatesville Country Club, visiting the various departments of Lukens Steel Company and its divisions, and attending the entertainment and dinner at the Country Club.

The annual business meeting of the chapter will be held concurrently with the dinner. The Society comprises many of the prominent metallurgy authorities in the East and its visit to this city is considered a real compliment.

F. H. Gordon, Vice President of the company, was on hand greeting the guests throughout this morning. Plans for the

(Continued on page four)

Lukens Plate

Published by and for the Employees of Lukens Steel Company
Every Fourth Week

Editor, Edward Lake

Pictures Taken Of Old Employees

225 People Are Shown
In Special Photos

Over two hundred employees of Lukens Steel Company and twenty-five former Lukens employees now on the Company's pension rolls were included in an inspiring group of photographs taken recently at the main office in connection with the 125th Anniversary of the concern's establishment here.

A special circuit camera was required to take the first picture which included all Lukens employees and men on the pension rolls who had twenty-five or more years of continuous service with the company. This group alone included over two hundred individuals.

As this figure represents approximately 10% of all the Company's employees, it is believed to be a record in point of years of service of which not only the company but also the employees and the community may well be proud.

The second group was composed of men connected with the company who have had forty or more years of continuous service, and included twenty-five men. The third group photographed included those on the company's pension rolls, of which about twenty-five men were available for the picture.

Copies of the various pictures can be obtained by those desiring them from H. B. Dowlin, photographer, at 7 North Second Avenue.

Included in the group of individuals on pension were: John Poultney, Harry E. Osborne, Francis B. Paxson, W. Embree Barnes, Albert R. Brown, Andrew G. Anderson, William H. Martin, John H. Andrews, Edward E. Bentley, J. Frank Campbell, Wesley White, Cyrus M. Rissell, Morton T. Chandler, William P. Kenworthy, Frank B. Rubincam, William O. Dun-

lap, Walter Gatchell, Charles A. Burgein, J. Rodney Martin, Edward D. Gilbert, Frank Sharp, James Edward Thompson, Thomas Dutton and John Murray. Those on the pension rolls but unable to attend were, Jesse M. Barnes, William Barber, Jerry McCord, George W. Waldron.

In the group of employees with forty or more years of continuous service were, Charles L. Huston, Vice President; Frank H. Gordon, Vice President; John A. Trupe, the employee with the longest service record, amounting to 62 years; Samuel H. Forbes, David J. Gilbert, Edward C. Walker, John D. Clark, Edgar Dunlap, Frank Friece, Chas. J. Johnson, William McGeorge, Thomas F. Pratt, Edward Rissell, Wilmont Rubincam, Wybert Seachrist, Harry Syphard, Daniel Toomey, Chas. O. White, Horace E. Wright, Howard A. Wright, Walter J. Young, Eber S. Jobe, Jacob W. Berkeihiser, Curtis W. Brown and Michael J. Butler.

In addition to those listed above, following were the individuals included in the group of employees with 25 years or more continuous service: Sam Sardin, Mike Demeter, John A. Manerr, Frank Barto, W. J. Forbes, Preston Lewis, T. P. Mahoney, E. A. Dripps, Walter Trott, W. Detterline, E. M. Rissell, Jr., Wm. W. Diehl, M. F. Sullivan, A. Jeffries, H. B. Connell, J. R. Sagnor, J. W. Fry, F. Elish, H. L. Caton, H. Reidiger, Alek Pelekat, W. Wilkinson, Abram Coleman, H. B. Young, G. W. Narvel, E. R. Robinson, W. H. McDonald, V. A. Ross, Jos. Toth, Jacob McCord, Martin Kenneally, B. Thomas, H. H. Gilbert, U. V. Henry, John Logan, R. E. Welsh, Jr., J. Yyncheon, C. H. John, C. E. Barnes, Albert Cless, Ralph Waldron, W. Fralich, C. T. Killinger, P. P. Pural, I. N. Richardson, B. H. Barnes, R. G. Dunnett, M. J. Markey, Thomas Smith, Chas. L. Cook, C. A. Skinner, Wm. Gilbert, W. J. Pyle, L. F. Bernard, A. R. McMichael, J. A. Maitland, J. W. Gable, J. Townsley, Samuel Keith, E. Hines, J. Refford, J. B. Stanley, H. G. Benner, J. C. Lewis, John Quash, J. F. Middleton, W. Schonley, J. M. Entekin, W. A. Sagnor, J. P. Newlin, F. Sabo, Howard Hartman, C. H. Dunlap, E. J. Hartman, F. Hughes, C. E. Miller, J. Garrett, W. A. Davis, W. H. Brickus, C. F. Powell, Sr., G. M. Eachus, Clyde Mann, Harry

Bachman, T. I. Wein, C. E. Moore, L. H. Sorber, H. N. Keyton, H. W. Smith, W. B. Russell, R. A. Buck, W. E. Miller, W. S. Haines, J. W. Berkeihiser, W. D. Cairns, J. A. Patterson, C. J. Miles, Sr., O. Lillico, A. J. Downing, A. McLaughlin, James Carado, J. F. Bickel, J. C. Fellenbaum, C. A. Mallalieu, W. Kilpatrick, F. H. Ross, H. E. Goodwin, F. W. Thompson, G. B. Refford, Chas. McNamee, L. A. Jackson, Morris Watson, U. Jacobs, C. L. Howard, D. L. Whiteside, Thos. Regan, F. J. Fisher, Wm. M. Hartranft, Harry Wert, Wayne Haldeman, R. S. Smith, H. S. Randler, J. W. Black, James F. Cochlin, Charles Jones, H. E. Gilbert, E. Gagala, J. Stringer, Sr., J. W. Gehr, Alek Lucatas, W. Thompson, A. T. Allen, F. R. Regener, W. Miller, H. W. Kranz, T. F. Williams, L. H. Rudisill, R. W. Davis, H. W. Jervis, Estella Barnes, May Wiekel, Dehia Henniss, Celeste Marsh, Helen Robinson, Jessie Robinson, Lottie B. Willard, Sheffie Ryder, Alice Edgar, Richard Chambers, Ben Elliott, Cliff Garrett, Ben Griffith, P. C. Haldeman, Ray Wolf, Chas. H. Brown, Ernest Herman, Edward Hoffman, Frank Hollingsworth, G. K. Irwin, Lewis Jervis, Edgar Rubincam, Chas. Strode, Warren Mateer, Elmer Chambers, Earle Edgar, Walter Hope, Walter Hughes, Frank Wolfe, Sterling Wright, Pierce Zook, Louis Bunting, Raymond Gray, James Root, J. Edgar Levis.

Earlville Conference Will Attract Lukens Men

The Sixth Annual Eastern Pennsylvania Industrial Conference at Camp Reading, Earlville, Pa., on June 22nd and 23rd, is expected to attract twenty-five members of the Coatesville Foremen's Club, including a large number of Lukenites.

This conference is sort of a grand finale for the year's activities of the foremen and has gained quite a reputation locally for its fine features.

Brilliant speakers and attractive recreation programs are assured the Reading visitors.

IRWIN—WALLACE

Miss Isabel Irwin, Coatesville, and George Wallace, Modena, were married on Memorial Day at Hephzibah Baptist Church. Wallace is a Bedaux worker. The best of luck to them.

Tractioneer Has Valuable Future

482 Are Sold To Army; Many Inquiries

An avalanche of interest in the possibilities of the Hipkins Tractioneer, including inquiries from many foreign concerns, has been revealed by officials of the By-Products Steel Corporation, manufacturers of the product.

One of the most recent orders filled was for the United States Army and involved 482 sets of Tractioneers which are to be used to equip the Army trucks.

The Hipkins Tractioneer (developed by O. F. Hipkins, now chief engineer of the Tractioneer division at the By-Products Corporation) is composed of a series of U-shaped pressed steel plates, connected at the center by a steel chain, which can be attached to trucks using dual wheels. It gives the necessary traction on any footing, distributes the load of the vehicle over a greater area, provides for higher flotation, and prevents excessive wheel penetration.

The United States Army has been experimenting with the Hipkins Tractioneer for the past five years and during that time has bought a total of approximately 150 sets. These have been put to the most gruelling tests conceivable and found to be satisfactory. The most recent order indicates the Army's faith in this type of accessory which enables the ordinary truck to do work which would otherwise be impossible.

R. W. Moffett, president of the By-Products Corporation, is highly optimistic regarding the future of the Tractioneer and sees the Army's latest purchase as the real keynote of further advancement.

"Jack" Beeber, manager of the Tractioneer Division, had inquiries on file at his office which bear out the international interest being manifested in the product.

"We recently closed a deal for 100 sets of Tractioneers, assigned to the Peruvian government in South America. These are to be used in Army work. The sale resulted from a demonstration of the equipment by the United States Army, witnessed

by an official of the government in Peru," he said.

Beeber also said that some Tractioneers have been sold to Italy and that inquiries, asking for full details, are on hand from governments and private concerns in the countries of France, Germany, Holland, Switzerland, Japan, Sweden, and Palestine. An expedition to the Belgian-Congo is now using Tractioneers.

If interest in the Tractioneer, both national and international, continues at the present rate, it is not at all impossible that within a short time the manufacture of this particular unit will assure a prominent place in this company's industrial activity.

April-May Awards Are Announced

(Continued from page one)

pantograph, \$3; William Gabriel, guard for gears at north side of straightening rolls at 84" mill, \$5; George Reymos, Jr., stop motors of narrow gauge locomotives before opening gas tanks, \$5; C. J. Landenburger, light for corner of chipping department building, \$3.

Bonuses for five accepted suggestions, also ordered paid during April, went to Joseph Hopson (\$4.70) and George Myers, (\$3.20.)

May Awards.

Benjamin Morrell of the flanging department easily led the list of suggestion recipients during May. One of his recommendations (for changes in No. 3 flanger head to speed up repairs) netted \$10 while the second one (involving a method of reconditioning slides of No. 3 flange machine) was worth \$25, the best award of the months of both April and May.

Other May winners were: David Elmer, roller on table at south end of shears 6" from knives, \$10; James Quarry, extend canopy to within 6" of 84 leveller, \$5; L. Phillips, new type cable for pulling pill boxes on 206" mill, \$2.50; and Joseph G. Althouse, new design for 8 wheel trucks, \$5.

Routine business was transacted at the regular meeting of the plant representatives, held on Monday. Joseph Lovell was in charge of the session.

New Bulkhead Is Shown Visitors

Visiting shipbuilding and shipping officials from principal points on the Eastern seaboard registered no small degree of amazement at a recent test conducted here when a new type model of bulkhead system for oil tankers, developed at Lukenweld, withstood a 131-foot head of water as compared with the 48-foot head required as a test for conventional type of bulkheads.

The three-eighths scale model, used in the demonstration, withstood the strain of a 131-foot water head. At 120 feet a budge started in the side of the bulkhead and at 131 feet the side appeared like a rubber balloon under air pressure, but while it bulged there was not a crack in the steel or any of the welds.

Men in the shipbuilding industry agreed, following the demonstration, that Lukens has something different in the new model. Under normal pressure and up to approximately three times the pressure to which a bulkhead would be subjected, there was practically no evidence of strain.

It is claimed that the new Lukenweld development will provide many structural and economic advantages over conventional systems, not the least of which is a reduction of about 26 per cent. in weight; 32 per cent. in total number of parts; 61 per cent. in the total number of parts to be assembled at the shipyard the total length of welding 39 per cent., and welding to be done by the shipyard by 51 per cent.

The chain letter fad hit Lukens with a terrific bang about last pay day. When the smoke had cleared away, as any clear-thinking person could have predicted, some fellows cashed in their chips and an equal number were holding the bag. It was a lot of fun while it lasted.

Improved ventilation and vastly better lighting conditions will soon be a reality at Lukenweld Inc., as a result of the alterations being made to the north side of the building. The Lukenweld group has been busy improving this building, formerly the No. 1 steel plant, for several years past.

Tennis League Is Now In Action

Six Teams Represented; Evenly Matched

The Lukens' Tennis League, a newly organized circuit comprising six departmental teams, is now in full swing at Central Park Courts with matches being played several evenings during the week.

Results of the first few contests have been close enough to indicate that the race for the championship will be a wide open affair with practically all of the teams competing having an even chance.

Many strong racquet wielders are on the various squads. The departments represented in the league are reliably reported to have already become "tennis conscious."

Two evenings are required to complete a match, which comprises four singles games and two doubles contests. Each complete match counts six points.

Five matches have already been played off. The schedule for the remainder of the first half is as follows: June 7th and 8th, Sales vs. Bedeaux-Time; June 10th and 11th, Sales vs. Metallurgical; June 12th and 13th, Mills vs. Lukenweld; June 14th and 15th, Bedeaux-Time vs. Main Office; June 17th and 18th, Metallurgical vs. Main Office; June 19th and 20th, Mills vs. Bedeaux-Time; June 21st and 22nd, Sales vs. Lukenweld; June 24th and 25th, Sales vs. Main Office; June 26th and 27th, Mills vs. Metallurgical; and June 28th and 29th, Bedeaux-Time vs. Lukenweld.

Those eligible to compete on the various teams include: Bedeaux-Time—R. Proudman, S. Turner, E. Carpenter, K. Shoemaker, J. Martin, R. Ranck, A. Brown, and A. Ward; Lukenweld—W. S. Wilbraham, R. Bunting, B. Johnston, R. C. Sahlin, G. D. Spackman, E. Chapman, and C. F. Carlin; Main Office—S. Wells, Jr., R. Strouse, C. Irwin, R. Slider, A. Scott, Wm. Riddle, Jr.; Mills—C. Vandever, L. Irwin, S. Lynch, L. Benner, H. Bunting, D. Diem, L. Newlin, and H. Conquest; Sales—T. Oates, H. Ottey, D. E. McElroy, L. Brown, G. E. Stewart, and C. M. Wagner; Metallurgical

—R. Minker, C. Wilson, W. Butler, 3rd, J. G. Althouse, R. Pyle, W. Minker, and C. Pinkerton.

CHATTERBOX

Frank Cawthorne opened the straw hat season in the plant *** it was a good hat, too *** According to friends, "Ed" Barnes is going to buy a boat and run a fishing school *** most of the pupils will be from Lukens *** Leroy Algier at the punch shop is one of the best tall-story men in the plant *** especially when it comes down to sail boat trips to far-away places *** "Johnny" Dunn of the 140" is drinking lemonade *** "Ray" Urbine likes cherry sodas *** Phillips at the 206" pits has discovered that motorcycles are dangerous animals *** did you notice the patches over his eyes *** it is rumored that "Jim" Beecher took a wheelbarrow to the post office recently to get his mail *** but he didn't really need it *** "Cliff" Garrett and "Lou" Bunting have also joined the straw hat parade *** Do you know them by their nicknames? *** "Smallpox" *** Brooks Grab *** "Hot Dog" *** "Marty" O'Neil *** "Swede" *** "Bud" Minker *** Frank Baylor will think twice before going to the mountains again for trout *** 175 miles is a long ways to travel for nothing over five inches *** Clyde Lowe, erst-while Marine, recently led an attack on the drum fish at Bowers Beach *** 11 drum fish were forced to surrender, reputedly the largest catch of the season *** "Dick" Copeland claims the truck drivers ball team can beat anything on the road *** maybe so *** "Johnny" Rutter is developing a goatee *** Harvey Trace likes to tell about the apple tree on the old homestead *** he grafted five different kinds of apples on it *** did you know that "Walt" Carson is an old freight train-rider *** one of the best, he says ***

Lukens Host Today To Many Visitors

(Continued from first page)

Coatesville meeting were mapped out by F. H. Gordon and Adolph O. Schaefer, of the Midvale Company in Nicetown, who is secretary-treasurer of the Society.

Famous Artist Sketches Here

H. Armstrong Johnson, internationally known industrial artist, associated with the Iron Age Magazine, spent a week in this plant making charcoal drawings for use in the special Lukens 125th anniversary issue of the Iron Age, to be published on July 4th.

His most interesting sketch, according to consensus of opinion, was that of the Open Hearth tapping, which he made from the crane runway in that department.

Division No. 5 Heads Safety-First For Period

Miscellaneous Departments, Division No. 5, headed by Chairman John Gabel, topped the safety workers in the plant by a good margin during the eighth period. This department had a mark of 96.1%, vastly better than their nearest rival, the Mechanical Division's 81.1%

In third place was the Plate Mills with 80.5%; Miscellaneous Shops was fourth with 75.8%, and the Open Hearth fifth and last with 66.7%.

Interest at the regular meetings of the safety patrolmen continues to be at a high point and each meeting results in many new safety suggestions.

BEDRICK—REZCEK

Here's plenty of good luck to Sadie Bedrick, South Coatesville, and Frank (Frickie) Rezcek, By-Products employee, who were married in Philadelphia on June 1st. Frank is best known locally for his ability on the baseball diamond.

NICHOLS—FISCHER

The Downingtown Episcopal Church was the scene of a pretty wedding last Saturday afternoon (June 1st), when Miss Ella Nichols, of that town, became the bride of Russell Fischer, of Thorndale. Russell has charge of the printing equipment at the Main Office. Best wishes are cordially extended to the newlyweds.

Amp: "How long you been working here?"

Pere: "Ever since the chief threatened to fire me."