

Know Your Mills? Here They Are

Important Facts Regarding Each

84" Mill

This is formerly the oldest but now the newest mill in the plant, having first been put into operation in 1870 and later having been reconstructed in 1926. The 84 of the 70's was a steam operated, two high plate mill with chilled rolls, 25" in diameter and 84" long. The old mill housings were equipped with puddled rolls to prepare stock for the new mill. After several more changes, a three high roll train, with rolls 84" long, was added to the two high unit, to provide a stiffer mill to finish steel plates.

In 1926 the old 84" mill was dismantled and a new tandem mill constructed for the rolling of wide thin plates. This mill consists of a two high roughing

(Continued on page four)

Depts. Situated In New Locations

The chipping and deseaming departments have moved into their new home at the west side steel yard and are all set to go forward during the fall and winter. The new building has proved quite satisfactory and is now regarded as a valuable addition to the plant's equipment.

Meanwhile the finishing touches are being added to the new additions at Lukenweld, Inc., where that department recently absorbed the space formerly occupied by the chipping and deseaming groups. Quite some floor space has been added and the much needed expansion is now a reality. The improvements at this place include an additional office space of about thirty feet made possible by the construction of a small outbuilding.

Safety Movement Goes Forward

All efforts are being made toward advancing safety in this plant as rapidly as possible and the regular safety meetings show that much progress is being made.

Safety suggestions continue to pour in in large numbers and Joel Baker is having all of his time taken up in an effort to keep abreast of the suggestions and carry out the needed improvements.

Sick and Injured List Is Given

Speedy Recoveries Are Hoped For

Quite a number of fellow workers or former Lukens men who are no longer actively employed are numbered on the sick and accident lists at present.

It is the earnest hope of every Lukens employee that these men, whether sickness or accident victims, will enjoy a speedy recovery from their ailments and in the very near future be able to resume their normal activities.

Those on the sick list include: Robert Warner and Samuel Mitchell, Open Hearth; John Humpton, metallurgy; G. Frank Sharp, Universal mill; James Mendenhall, pipe shop; John Newlin, William Mowery, and Nicholas Assetto, 140" mill; William Merrick, Lukenweld; Kirkwood Wallace, acetylene burner; Frank Astroska, punch shop; Elsworth Scott, flangers; Richard Maxwell, pickling department; Clyde Warden, flangers; Alvin Groff, locomotive shop; Ralph Flaminio, track department; Lloyd Allen, garage; Conley Davis, trucking; Raymond Chestnut, masonry; Clarence Collins, By-Products; Harry Matson, By-Products; W. J. McMaster, Philadelphia Sales Office; Eleanor Sydenstricker,

(Continued on page three)

New Set Of Repr. Chosen To Serve

Annual Election Held On October 15th

With three new members added to the roster to assure ample representation for all departments of the plant, election of the 1934-35 employees representative committee was completed on Monday, October 15th.

The voting was carried out in a most precise manner and a large majority of those employees working took advantage of the opportunity to vote. An election committee appointed by Chairman John Bould was in charge of the election and handled everything in a fine manner.

There are seventeen representatives in the new body as compared with fourteen in last year's group. Groups B and E, have each been allowed three representatives as compared with their previous two, while Group G, formerly given two representatives, has been divided into Groups G, H, and I, with one representative from each of these divisions.

The seven representatives who were re-elected from last year included Joseph Maxwell, Group B; James Quarry and Chester Barnes, Group C; Dallis Wil-

(Continued on page two)

Thomas Dutton Awarded Pension

The name of Thomas Dutton, age 74, a faithful Lukens employee for more than twenty-five years, was added to the company's pension list on September 23rd.

Dutton came to Lukens on August 2nd, 1909, as a furnace charger in the Universal mill. Later in the same year he was promoted to the position of foreman of side shearing at this mill. He held this position until his retirement from service.

Congratulations are in order for his fine services rendered.

Lukens Plate

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

Editor, Edward Lake

Duckpin League For Lukens Men

With the Metallurgical and the Locoweld bowlers setting a dazzling pace, the 1934-35 session of the Lukens Steel Company Duckpin League is well underway at the Y. M. C. A. alleys with interest running at a high pitch.

This duckpin league is the first such group to be active at the "Y" for several years as most interest during the past few seasons has swung towards the tenpins. "Les" Reynolds, a real bowling fan if there ever was one, took the lead in organizing the league which includes eight good teams.

These teams are: Metallurgical, Shipping, Open Hearth, Plate Mill, Locoweld, Bedaux, Superintendent and Time.

Some of the scores turned in during the first week of the season, while not so high, indicated that there are a number of duckpin bowlers in the company with plenty of promise for the future. "Charley" Wilson's 379 total for three games, bowled with the Metallurgical, topped the league for the first week.

Other scores made included: Metallurgical—W. Minker, 88, 89, 78—255; Burke, 87, 85, 119—291; and R. Minker, 130, 110, 99—339; Shipping—Faddis, 90, 96, 93—279; Copeland, 96, 72, 86—254; Davis, 70, 78, 98—246; Werner, 109, 86, 73—268; and Conquest, 90, 96, 65—256; Locoweld—Boyd, 112, 116, 120—348; Gilbert, 79, 106, 84—269; Kranz, 82, 99, 54—235; Jobe, 64, 77, 73—219; Miller, 68, 75, 89—232; Grab, 119; L. Reynolds, 105, 95—200; Bedaux—Soule, 90; Woodhull, 69, 75, 74—235; C. Montoro, 51, 97, 87—235; D. McFalls, 73, 72, 58—203; Proudman, 54, 79, 58—191; N. Miller, 73, 64, 47—184; and Schroder, 60, 76—136; Open Hearth—Monko, 118, 88, 110—317; O'Hara, 62, 90, 100—242; Platt, 101, 111, 93—305; Smith, 73, 68, 122—263; and Alexander, 103, 83, 90—276; Plate Mill—Cham-

bers, 103, 83, 89—275; Preston, 95, 136, 88—319; Hamer, 76; Smith, 102, 122—224; G. Bunting, 93, 134, 119—346; and Birely, 120, 67, 71—258.

CHATTERBOX

After that shellacking handed both the Giants and Detroit this column is going to stick to boxing and wrestling predictions exclusively *** Atlantic Coast agent reports that the same Loch Ness monster that grabbed Bill Bush's false teeth is also now the possessor of a new fishing pole and line *** Charley Vandever has plenty of faith in humanity *** he believes wrestling matches are on the level *** Johnny Horshock wants somebody to take a picture of his track gang *** we agree that it would make a fine photograph *** Charley Camel takes down the prize for pulling off a joke in the most solemn-faced manner *** he never cracks a grin *** Harry Reed, labor department, claims he is the best gardener in Parkesburg *** he is still pulling up scullions *** "Bill" Riddle is now on both the plus and minus side of the question *** He is plus a mustache and minus his teeth *** they say there is one steel plant worker who now has a lot of respect for those East End football players *** he says they double-teamed him *** "Charley" Jones at the electrical department is like old man river *** he just keeps rolling along *** Max Steinwachs is getting every one seats on the 50-yard line for the Army-Navy fracas at Philadelphia in December *** at least that's what everybody is hoping *** "Cowboy" Taylor is the "Dizzy" Dean over at the 206" mill *** some motorcycle he's got according to Westwood reports *** Bachman and Steen have leading roles in the cartoon on display at the electrical shop *** "Jack" Kriker at the loco shop used to play football when it was really football *** some of those games at Steelton went down in history *** Alfred Mowday is the new handshake king of the plant *** nothing like a helping hand, according to Alfred *** Charles Pisarto, the punch-board fiend from the flangers, is rumored to be thinking seriously about Strode Avenue *** and it surely looks like a Long winter for friend "Steve" Adorian of the By-Products ***

New Set Of Repr. Chosen To Serve

(Continued from first page)

liams, Group D; Edward Irwin and Ezra Dripps, Group E; and Joseph Lovell, Group F.

The ten new members of the plant committee are, Samuel Nunemaker and Pierce Patton, Group A; Cyrus McCorkle and Charles Dunlap, Group B; Irwin Simmers, Group D; John Howard, Group F; John Price, Group E; John Reach, Group G; Ralph Harrison, Group H; and Dewey Deihm, Group I.

The employees representatives will hold their first meeting Monday, Nov. 5th, 1934. They have already manifested a fine interest in their duties and are being looked to carry on the good work of last year's group.

For the benefit of those not already familiar with the representation afforded through this system, the various groups and the number of representatives are listed below:

Group A—(2)—O. H. No. 2 and 3 pit and floor, stock yards, O. H. millwrights, O. H. Pipefitters, O. H. repairmen, rail shears, O. H. labor, skull cracker, (not including cranemen).

Group B—(3)—140" and 206" plate mills, loading banks, millwrights, grinding, bull pen, alloy men, (not including cranemen).

Group C—(2)—84" mill, 112" mill, Universal mill, loading banks, millwrights, steel yards, ingot breaking, chipping, (not including cranemen).

Group D—(2)—machine shop, smith shop, riggers, roll shop, carpenter shop, pattern shop, sheet and paint shop, knife shop, pipe shop, pump house, locomotive shop, safety shop, miscellaneous repairs and welders.

Group E—(3)—track, testing, contract, chemical laboratory, metallurgy, police, gasmen, masonry, store room, inbound material, steam, garage and trucks, locomotive engineers, conductors, dumps, labor, including all mill labor, clerical.

Group F—(2)—electrical department, including electric repair shop, construction, power house, linemen, cranemen, chargers and extra cranemen.

Group G—(1)—punch shop, flanging and pickling, (not including cranemen).

Group H—(1)—Lukenweld.
Group I—(1)—By-Products.

Open Hearth Is Traced To 1891

First Furnaces Built At That Time

The development of the Open Hearth Department of the Lukens Steel Company is a direct parallel with the general advancement enjoyed by Lukens in the steel industry.

The first two Open Hearth furnaces were built in 1891, each having a thirty-ton capacity. The capacity of these two furnaces was later increased to thirty-five tons and four additional thirty-five ton Basic Open Hearth furnaces were also built. At the time of the erection of the Universal Mill, in 1899, four 50-ton Basic furnaces were built and these were later increased in number to ten, making a total number of fourteen furnaces.

At the time of the installation of the 206" mill in 1916, eight Basic Open Hearth furnaces, each with a ninety-ton capacity, were built, making a total at that time of twenty-four Open Hearth furnaces. Since then, however, the original six 35-ton furnaces have been dismantled, which leaves, at the present time, eighteen Open Hearth furnaces in the plant.

The building occupied by the original thirty-five ton furnaces has been taken over by the Lukenweld, Inc., which has developed a great many uses for welded plates to take the place of iron and steel castings and which has today gained a place of leadership in the field of welding.

IN MEMORIAM

MRS. AUGUSTINE VOLNIK

Complications following a serious illness brought about the death of Mrs. Augustine Volnik recently. She was the wife of Stanley Volnik, 242 New Street, an employee in the Open Hearth Department.

MACK TAYLOR

After a short illness, Mack Taylor, colored, a workman at the 140" mill shears, died at the Coatesville Hospital several weeks ago. He was affiliated

with Lukens Steel Company since April, 1919.

CRAWFORD MASSEY

Known as one of the leading exponents of safety in this plant, Crawford Massey, colored, a By-Products employee, died recently. Massey had been connected with Lukens since 1926.

JOHN GRAY

John Gray, father of Raymond Gray, of the Lukens order department at the Main Office, passed away recently in Norristown.

JOHN NIXDORF

Illness due to heart trouble brought about the death of John Nixdorf, husband of Mrs. Margaret Nixdorf, on September 27th. Mrs. Nixdorf is employed at the Main Office. Her husband was employed at the Book Motor Company, this city, and was well known among the young people. He was a graduate of Coatesville High School.

RUTH WAGNER

Miss Ruth Wagner, a sister of Penrose Wagner, who is employed at the Lukens Cooperative Store, died recently. Her death was attributed to heart disease. She lived at 114 South Sixth Avenue, this city.

Both Mr. and Mrs. Harvey Green and Mr. and Mrs. Thomas Smith are grieving the loss of infants. Both of the husbands are employed here.

Sick And Injured List Is Given

(Continued from page one)

telephone operator; Frank Kreider, former employee; Harland Detterline, and Herman Hoffman, Open Hearth; and Isaac Thompson, pensioner.

The accident list includes: John Davis, track department; Steve Ruffer and Joe Fregedi, Open Hearth; George Chapel, 112" mill; David Carnes, Lukenweld; John Gist, scrap salvage; James Finley, and Harry Pyle, 140" mill; Mike Romanski, riggers; Harry Shopf, house carpenter; John Sullenberger, Lukenweld; and William Scott, flangers.

Accepted suggestions will net you cash. Send them in.

Basketball Team Ready For Action

With the selection of a coach definitely settled, first tryouts for the 1934-35 edition of the plant representatives basketball team of Lukens Steel Company, got underway last week at the Y. M. C. A. floor.

"Perk" Richards, ex-Eastern League player and well-known in local sport circles, was again selected as coach for this year. His quintet last season made a fine showing and was defeated for the city championship only after a series of thrilling play-off games with the New Idea Laundry team.

Among the candidates for this year's court squad are: George Long, "Dick" Slider, "Charley" Deering, "Big Boy" Olseski, and Raymond Pyle, holdovers from last season; also "Bill" Snyder, Downingtown High School court ace; "Charley" Deering, "Pip" Rinier, and "Cy" Lynch, both of Parkesburg fame, and a host of others.

This material looms up as quite promising and Coach Richards expects to mould a winning combination from these fellows. Lukens will of course have an entry in the community league and also tackle a number of outside aggregations.

At the opening business meeting, Ezra Dripps, was again named manager of the court squad and Edward Lake chosen as assistant manager and publicity man. It is hoped to line up a busy season for the followers of the wooden ways and to provide plenty of good clean sport for the many Lukens rooters who like to follow the team.

Here And There

Herman Hoffman, assistant superintendent of the Open Hearth Department, is recuperating at home from the effects of a recent operation. Herman reports plenty of visitors and wishes to thank everyone. One of his only regrets was that he was too nervous to enjoy the broadcasts of the World Series baseball games via radio.

Mr. and Mrs. Warren Lawrence, Parkesburg, announce the birth of a son. "Shorty" is a pipe shop employee.

56 Of 59 Cases In Favor Of Men

Report Of Plant Repr. Is Submitted

An interesting report of the activities of the plant representatives during their first term of office shows that out of fifty-nine cases taken up with the management, fifty-six cases were decided in favor of the employees. Two cases were decided against them and one was withdrawn.

The report of the plant representative meetings for 1933-34 showed that a total of twenty-four meetings, including eight special sessions and one annual session, were held. There were fifteen regular meetings.

The matters officially taken up for action by the representatives including the following: Wages, 7; safety, 12; working conditions, 3; economy, 9; health and sanitation, 7; pension, 1; publication, 1; athletics and recreation, 5; rules and ways, 4; and miscellaneous, 10.

Scores of other minor adjustments were also made as a result of the plant representative meetings without any official action being taken by the committee. These, of course, are not listed in the report.

In a booklet describing "Collective Bargaining in the Steel Industry," issued recently by the American Iron and Steel Institute, the principles underlying the Employees Representation Plan are stated as follows:

"The Employees Representation Plan" builds harmony, confidence and understanding between employer and employees, and gives workmen a means of collective bargaining which will permit them to present their case directly, and which will work for the mutual benefit of both workers and management.

Back At Work

Harry Saylor of the cost department, who had been off from work since April due to sickness, has returned to his position. Saylor spent the majority of his time due to illness at the South Mountains in Western Pennsylvania.

Know Your Mills? Here They Are

(Continued from page one)

stand and a four high finishing stand equipment, including tables with transfers, a blue annealing furnace, roller leveler, rolling conveyors, inspection bed, and a new type of rotary side trimming shears and end shearing equipment to do away largely with the necessity of the marking out of plates before shearing. In the four high stand, the rolling is done between two middle rolls, these rolls being supported by the top and bottom 40" diameter backing up rolls, the necks of which carry the rolling load. Both roughing and finishing mills are driven by reversing motors, which are coupled with mill pinions through flexible couplings. A feature of the end shearing equipment, located beyond the rotary shear, is that it is provided with a gauge, so that, when rectangular plates are to be produced, no laying out is necessary. The rolling leveler in the 84" has 17 rolls, an unusual number for plate mill work, but chosen to secure good results on the light gauge plates.

112" Mill

Erected in the 1890's as the 134" mill, the present 112" mill was at the time of its construction, the largest mill of its kind in the United States. This mill was cut down from 134" to 112" and is equipped with automatic roller feed tables. It is a three high roughing and finishing mill. Among the added improvements have been straightening rolls, placed so as to take the plates as they came from the mill while still hot, and transform a wavy and irregular surface into a level and true one.

Universal Mill

The Universal is a 48" unit, three-high mill, which makes plates with rolled edges from 8" wide to 48" and with lengths up to 100'. It was built in 1899.

140" Mill

The 140" mill was first put into operation in the summer of 1903. It is a three high mill with rolls 140" long and capable of rolling plates up to 136" wide. This mill is equipped with five

pit furnaces, each containing four pits, to heat the steel ingots preparatory to rolling.

206" Mill

Construction of this mill, the largest rolling mill in the world, was begun in 1916 and the first plate rolled on May 22nd, 1918. The mill was originally the 204" mill but was changed to the 206" mill in 1919. This mill enables Lukens Steel Company to roll wider plates than any other mill in the world, the next largest rolling mill being located at the Witkowitz plant in Czecho-Slovakia where plates 187" wide are turned out. The 206" mill is of the four high reversing type. There are two 34" diameter working face operating rolls of chilled iron and two 50" diameter backing rolls of cast steel, which design makes an unusually stiff mill. The heating of ingots is taken care of by eight gas fired pit furnaces. It is so located that ingots can be heated in the 140" mill pit furnace and rolled in the 206" mill, or vice versa.

Lukens Exhibits On Main Highway

Interesting Display Attracts Attention

In order to familiarize the thousands of motorists who pass through Coatesville via the Lincoln Highway, with the products of Lukens Steel Company, an impressive exhibit has been set up at the new gas station on Lukens property, just west of the Reading Railroad.

The Lukens products on display at this place include a 120" stainless steel head, a hemispherical head, and a steam dome, all from the flangers; a Diesel Engine horse, and a small gear and large gear, from Lukenweld, Inc.

All of the various pieces are described by signs painted on them and it is the firm belief of company officials that this display will prove a real worthwhile value.

Coatesville has long been known as a steel-making center and no doubt the new exhibition will serve to refreshen its products in the minds of thousands of people weekly.