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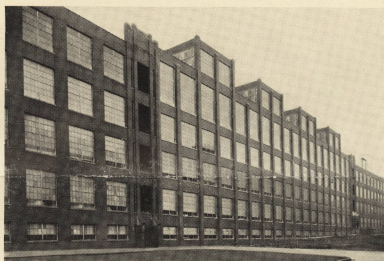
BERKSHIRE DYERS OCCUPY NEW QUARTERS

WHAT is officially known as Building 105, but, because of the occupation of its tenants, popularly called the Dye House, was recently completed, closing the yawning gap between Buildings 106 and 108, and making a continuous building unit of about 800 feet.

The Dyeing Department has moved its equipment to this new building and is now occupying its new quarters. The building which had been used as a Dye House has been demolished.

As the building is now arranged, the first floor is devoted exclusively to lockers; the second, third and fourth floors are occupied by production or maintenance departments; while the Dyeing Department uses the fifth floor.

By such arrangement the dyeing operation fits logically into the entire process of the stocking in manufacture.



*Berkshire's Newest Unit. Building 105.
Home of the Dye House.*

Dyeing Done on Top Floor

This fifth floor, of which we wish to speak, was planned and constructed for the dyeing equipment and adapted for the work. For example, it was designed to withstand a live load of 300 pounds per square foot to take care of the heavy dye machines and vats. Generous ventilation, important in any man's dye house, was provided for by those four monitors you see on the roof, technically called a "high-low bay roof."

The floor is reinforced concrete with a water-proof top coating covered by paving brick with a water-proof filler in the brick joints. Set into the floor before cementing are the drain and service receptacles to accommodate the waste and service pipes respectively. Electric conduits are also imbedded in the concrete, turning up at each machine.

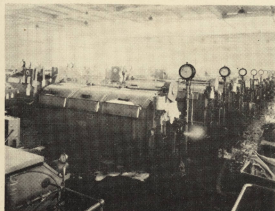
Dyeing Machines Automatically Controlled

Each of the 35 dyeing machines is supplied with hot water, cold water and steam, the steam is automatically controlled to keep a steady temperature for as long a time as desired when set.

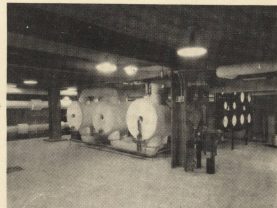
A chart in a locked case records the temperature and time. A small light on top of the chart case glows at the end of the time period for which it was set, indicating to the operative and supervisor that this machine is ready for the next operation.

The drain pipe of each machine is provided with a three-way transfer valve affording two outlets. Each outlet discharges into a floor drain receptacle, one outlet being used when hot water is drained, while the other is used when cold water is drained. All the cold water drains are connected to

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Interior of Dye House. These are some of the machines which dye Berkshire stockings.



Heat Exchangers which use the hot water from the dye machines to heat fresh water.

The Yarn Carrier

PUBLISHED MONTHLY BY THE WYOMISSING INDUSTRIES FOR ITS EMPLOYEES

TEXTILE MACHINE WORKS
BERKSHIRE KNITTING MILLS
NARROW FABRIC COMPANY

J. EARL RUTHARDT, Editor

EDITORIAL OFFICE IN THE
WYOMISSING TRADE SCHOOL
LIBRARY DISPENSARY BUILDING

Meet The Yarn Carrier!

THIS IS THE YARN CARRIER's first trip to you.

It is our hope that you have been pleasantly surprised.

However modest our first efforts may be we feel sure that with your help we will, in due time, reach our proper growth.

Let's just talk over for a minute the purpose and object of THE YARN CARRIER.

Our industries are large and complex organizations, and because of this we have little opportunity for friendly contact with those in other departments or plants. Then, too, it is difficult for the management to know us in any personal way or for us to know anything, except through rumor, of those who manage our organizations.

And so one of THE YARN CARRIER's foremost purposes is to have everyone become better acquainted with one another—to bring about a better understanding between ourselves.

Perhaps a summarization of some of the things THE YARN CARRIER hopes to do—with your help—would be in order.

THE YARN CARRIER aims to:

Develop among all of us a feeling of unity and coöperation.

Increase good-will between the management and ourselves by serving as a channel of communication.

Increase the knowledge of processes and accomplishments of our organization.

Bring our industrial relations programs to everybody's attention.

Stimulate interest in health, accident prevention, and kindred subjects.

To do this we must hear from you!

This is your magazine and your help is needed in preparing future issues.

Contributions are invited from everyone, executive or employee, with a thought worth while. Items of general interest concerning news items, cartoons, marriages, photographs, and happenings among the Wyomissing Industries family, are solicited.

Don't hesitate to bring in a contribution because you think you are inexperienced in literary style. We're not looking for style—we're looking for news. Call the editor, tell him your story, he'll do the rest.

Or, if you have nothing to contribute, tell us what you'd like to see in THE YARN CARRIER. Suit yourself about signing your name.

Drop your contributions in THE YARN CARRIER's box in the Recreation Room, Dispensary Building, or send them through the shop mail to

The Editor.

Cold Facts from the Dispensary

HOW about that cold? How did you get it?

This is what Dr. E. R. Scholten had to say in discussing our cold:

"We have talked with lots of folks like you, and they almost all say that before they got their cold they were tired out. Fatigue, both mental and physical, can do more by lowering resistance to make certain parts of our bodies abiding places of disease-producing germs, and can also do more to interfere with our bodies' chemical laboratory than most anything else. The answer to fatigue as predisposing to the common cold and as a promoter of other disease conditions, is to get the proper amount of bed rest and sleep.

"Proper application to work and play brings a fatigue which is normal and healthy. There is such a thing as overwork (rather rare) and overplay (very common). The result is over-fatigue (a physical state favoring disease)."

Better Timber Permits Trade School to Shorten Course

BEGINNING with the new term which opened in February, the Wyomissing Trade School adopted a shorter school schedule for apprentices. The school now operates on a 4-semester plan instead of the former 5 semesters—a half year of school work has been lopped off.

According to R. F. Carey, Director of the school, this does not mean, in any sense, a curtailing of the value of the instruction given, but due to the better preparation of recent applicants for apprenticeship, it is possible to eliminate some of the elementary work which was necessary when the school started.

Getting Better

In the beginning the average apprentice came to the school with an eighth-grade schooling, while the present apprentices are high-school graduates. This fact has made the shortening of the curriculum possible and feasible.

You Can't Go Wrong With Textile's New Product

WHICH is the road to Ipswich?

That's an old question which won't have to be asked after these new Illuminated Street and Highway Markers being made by the TEXTILE MACHINE WORKS are put on the market.

The idea is most original—during the



daytime the street names are easily readable and, at night, the glass illuminated from the inside brings out the lettering in bold type.

Two types have been developed, the one indicates street names, of which the one at Eighth and Penn Avenues is a sample. The other type indicates highways, routes, direction and mileage similar to the one at Penn Avenue and Bern Road.

All types are constructed of cast iron and steel and comment regarding their appearance and usefulness is very flattering.

When these markers become universally popular they are going to break up some perfectly good old time alibis such as: "I couldn't find your street," "There were no street signs so I drove around for about an hour before I got on the right road," and more in the same vein.



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Many Textile Employees Are Winning Awards for Suggestions

SIX hundred and forty-seven textile men were responsible for 1,201 suggestions in 1930—of these 22 per cent were adopted and were worth about \$1,000 in cash to the suggestors.

These figures were gleaned from a survey made of the TEXTILE Suggestion System at the end of its first year in operation. Judging from the results and the growing interest the system is here to stay.

Suggestions have come from all departments—even the widely scattered outside erecting force have contributed their share of good ideas.

Whose Cash?

In a number of instances suggestors could not be located although their slip number was filed repeatedly. All suggestion slips are called, so that if those tardy ones appear their recommendations will follow the usual routine.

Good Brain—(F. O. B. Factory)

Any suggestion is based on the assumption that every man is equipped with a good brain and that he is entitled to a fair return for his constructive ideas that benefit the firm. And that's fair enough. So as you keep getting hot ideas drop them in the suggestion cabinets.

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Foundry Apprentices Finish Training Period: Get \$400 Cash Award

HAVING served their three-year apprenticeship at the TEXTILE Foundry, and now being rated as full-fledged molders, Wayne Weatherholtz, Sinking Spring; George Bleiler, West Reading, and Michael Staver, Stowe, were awarded \$400 each by the company for successfully completing their contracts.

This cash award is figured on the basis of 10 per cent of the wages earned during the period of apprenticeship and is paid when the apprentice has satisfactorily completed his course of training.

Five more young men are receiving their training at the foundry and are in various stages of their apprenticeship.

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First Employee of Textile Still On the Job

Has 39 Years of Service

WAY back when bustles for women started to go out and Grover Cleveland stepped into the White House for his second term as President, Henry Lorah was hired by the partnership of Thun & Janssen, who were starting in the business of building and repairing textile machinery at 222-224 Cedar Street, Reading.

That was in 1892, and today, 39 years later, "Hen" is still on the job every day,



HENRY LORAH

dependable, serene and kindly. He is the first employee of the TEXTILE MACHINE WORKS, number 1 on the pay roll.

Lorah recalls the old Cedar Street plant, which has come to be regarded as a tradition, its inconveniences and its crude construction. Particularly the old fly-wheel which extended half way across the stairway into the cellar and had to be carefully avoided if one wanted to successfully get into the cellar alive.

In those eventful days Lorah's duties were varied and many; when the firm moved to the Wyomissing plant he became engineer and watchman, his duties as watchman permitting him to live on the second floor of what is now the Employment Office. In later years he took over the care of all tools and since that time has been identified with that branch of maintenance.

"Hen," in his quiet manner, has made many friends, he is well known and well liked, and despite his 76 years his serenity and physical agility indicate a full and useful life.

We congratulate the veteran Henry Lorah on his loyal and lengthy term of employment, and join his many friends in wishing him continued years with us.

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Trade School Graduates — STOP!

ALL graduates of the Trade School who are eligible for the Penn State Scholarship are asked to get in touch with R. F. Carey in order that he may assign such work as is necessary to qualify you. Do it now.

Berkshire Dyers Occupy New Quarters

(Continued from Page 1)

a common line on the ceiling of the floor below, from where it is carried down into the sewer. All the hot water drains are also connected to a common line which discharges this almost boiling water into two 12,500-gallon steel storage tanks.

Heat Exchangers New Feature

From these tanks the hot water is circulated through three Heat Exchangers connected in series as shown on page 1. This waste water is on one side of the Heat Exchanger tubes, while fresh incoming water is on the other side having a counter flow to the waste water. The hot waste water gives up heat to the fresh water which leaves the Heat Exchangers through a hot water generator deriving its heat from live steam. This generator, under thermostatic control, increases the fresh water temperature from what it had been on leaving the Heat Exchanger to just under boiling point. Two 10,000-gallon copper tanks store this fresh hot water.

Waste Water Put to Work Profitably

It can readily be seen that considerable waste is avoided by absorbing from the dirty water most of its heat before discharging it into the sewer. Without this heat absorption by the incoming fresh water, the difference in heating requirements would have to come from live steam.

In its new quarters and with its modern equipment the Berkshire dyers can turn out a normal production of 85,000 dozen pairs of Berkshire stockings every week. Space for additional equipment in case of expansion has been provided.

Guatemalans Will Knit

DOWN to Guatemala, the land where revolutions and earthquakes are as common as scrapple and the income tax are here, has been sent a shipment of "Reading" Full-Fashioned Knitting Machines.

While "Reading" machines have been put to all kinds of commercial tests

imaginable, and came through O. K., it will be of great interest to see how they stand up under a good stiff Central American revolution or how an earthquake will affect the "minimum production of seconds."

They Knew What They Wanted

To say that our machines were scarce in Guatemala is to put it mildly—there were none—but to show that they knew their knitting machines, these Guatemalans paid a duty of about \$650.00 on each machine to get them into their country.

You need not look on a map to see that Guatemala is nowhere near Scotland but is the southern neighbor of Mexico.

Narrow Fabric Company Exporting to All Parts of the World

NARROW FABRIC COMPANY products are exported to all parts of the world. To us the trade-mark "Nufashioned" is very familiar because we aid in its manufacture. But it is also familiar to millions of people throughout the world. In a remote part of South Africa—in far-away Australia and New Zealand—in the storm-swept West Indies—in picturesque Holland—in Shanghai and Tokyo of the Far East, the things which we make are well known.

The principal export market is Australia. Cuba ranks next. It is only a matter of 4 or 5 days in shipping goods from New York to Cuba, but it requires about 30 to 35 days to make shipments to Australia.

'Phone Rates \$15.00 a Minute

Recently telephone service was inaugurated between the United States and Australia. The circuit is the longest ever established for regular commercial telephony and consists principally of two radio links, one across the Atlantic and the other between England and Australia. This offers the NARROW FABRIC COMPANY a good, but expensive means of communication with our biggest export customer. Whether you stutter or not, the rate is \$45.00 for the first three minutes and \$15.00 for each additional minute.

Australia as Big as the U. S.

Australia is known as an island. It is a land entirely surrounded by water, but it is a continent rather than an island, with an area approximately that of the United States. However, the population is comparatively small, the inhabitants numbering little over 6 million. Considering its small population, it is surprising that Australia consumes such large quantities of our products.

Forgot They Were Married!

IS it possible that some of us have forgotten that we were married? We hope not. But when we hear of those who forgot to have their insurance papers made out in favor of their wives it does look strange.

You see, there are several TEXTILE boys who took out insurance when they were single, then they got married, but neglected to have their wives made their beneficiaries.

Felix Degener discovered some of these absent-minded newweds in double checking the insurance records.

Can This Mean You?

This brings to mind the hubbub which results from having old addresses or improper beneficiaries in time of injury or death. Many times such oversights mean long delays before a claim can be settled.

So if you want your affairs to run smoothly in case of emergency, see to it that the company is informed of any change of beneficiary or any change of address you may make.

Help Wanted!

Wanted—Contributions.

The columns of this magazine are open to receive items of plant news, cartoons, general and personal items of general interest and photographs.

Your contributions will be welcomed.

All Must Suffer

Owing to the business depression, some of the movie stars are going to keep the same husbands they had last winter.