Textile Engineers Take First Trip

Members of A. S. M. E. Visit Boiler Plant, Personal, and Attend Lecture in Boston.

The Textile engineers who are members of the student branch of the A. S. M. E. at Lowell Textile Institute made a trip to Watertown and Boston on Thursday, Nov. 8. This was the first trip of the year, and also the first trip of the sophomore members of the Society. They visited the Hood Rubber Company in Watertown, the Watertown Arsenal, and attended a lecture in Boston that was sponsored by the Well Telephone System.

On Thursday morning the members left the Institute at 9:30 and traveled by bus to the Hood Rubber Company in Watertown. They went through the entire factory, witnessing the various steps in the processing and making of sneakers, overalls, rubber and rubber boots. Mr. L. C. McKenzie, manager of the Hood plant, placed two computer-guided boards in the group. To simplify matters, and so that the most possible might be obtained from the tour of the factory, the group was divided into two sections. One group was guided by Mr. McKenzie and the other by Mr. Marsden.

The first part of the plant visited was the assembly floor. This was so arranged that they might see the work done before the employees departed for lunch. They then visited the rubber plant, the rubber mold, and the injection machine. From there they traveled by bus to Watertown, the site of the Watertown Arsenal. The members were impressed by the large arsenal, and by the various departments of the Arsenal. They also learned about the convectory system of the Boiler Plant. The Boiler Plant was visited last, and it was explained that the course of the steam through the Boiler Plant, and the various parts of the Boiler Plant, was shown to the members.
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EDITORIALS

OUTSIDE SPEAKERS

For some time past there has been a noticeable lack of speakers from outside the student body who could address the students in such a manner as to hold their attention. Much has been said about the efficiency of the student body, but if the speaker is good he can hold his audience. A non-technical speaker who could bring new subjects to light would doubtless be more conversed with. After spending a day or two in a laboratory, or a day or two in a factory, it is sometimes very difficult to keep the interest of the audience, because of the constant repetition of old ideas.

Another speaker who could bring in new subjects to light would be capable of engaging the interest of the audience.

Mr. Grace, who has been in the laboratory for a number of years, is an interesting speaker. He is capable of engaging the interest of the audience and of bringing in new subjects to light.

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FRATERNITIES

ONIGRON PI FRATERNITY
Present house at 104 Hawthorne Street.
It is a social fraternity. It is located at the Lowell Textile Institute, being organized in 1910.
Officers—President, Richard Forrester; Secretary, Henry Sawyer; Treasurer, Frank Homer.
Active Members—
Class of 32—Whitmer Churchill, Thomas Ferguson, Stanley Horridge, David Toft, Albert Williams.
Class of 33—George Herzig, John Garner, Alvin Eldred, Frederick Herring, Raymond Matthews, Leland Sturtevant, Robert Wilkins. There are 334 alumni members.

PHI PI: FRATERNITY—GAMMA CHAPTER
Present house at 20 Mt. Washington Street.
It was organized at Philadelphia Textile School.
The local chapter was organized in 1915.
There are 6 chapters.
Officers—President, William Green; Secretary, Stanley Hall; Treasurer, Joe Finnan.
Active members—
Class of 31—Ralph B. Hale, Stanley Hall.
Class of 32—Robert Amstutz, Edward Bahlsen, Gerald B. Clark, William Green, Gerald Hoyt, John Kramer, Daniel King, Barrett McQuaid, Herbert Mort, Joseph Finnan, George Rice.
Alumni members—334.

SIGMA OMEGA PHI—BETA CHAPTER
Present house at 177 Broadway Street.
It was organized at City College of New York.
The local chapter was organized in 1910.
The local chapter was organized in 1910.
There are 35 chapters.
Officers—President, Joe Wallace; Secretary, Abe Liland.
Treasurer, Simon Shapiro.
Active Members—
Class of 31—Joe Wallace, Abe Liland.
Class of 32—Joe Gilman.
Class of 33—Joe Liland, Simon Shapiro, Donald Cohen, William Blyn. There are 338 alumni members.

DELTA KAPPA PHI—BETA CHAPTER
At the present time they have no chapter house.
It was organized at the Philadelphia Textile School in 1930.
The local chapter was organized in 1932.
There are 5 chapters.
Officers—President, Alvin Campbell; Secretary, Francis Casey; Treasurer, Haig Pilgitsian.
Active Members—
Pledge—James Burke 32, and John McPeake 32.
There are 314 alumni members.

OMEGA PHI HOUSE

DELTA KAPPA PHI HOUSE

SIGMA OMEGA PHI HOUSE
THE TEXT

COAST GUARD MEETING (Continued from Page 1)

CLIPPINGS

Holeproof Hose for Men

YOU'LL evidence an "understanding" of style, pattern, smartiness and texture elegance when you wear Holeproof Hose like these. They're correct for fall... they fit with trimness... they wear like bagged durability.

STEEL under the microscope

Burnished mirror bright, etched in an acid bath, a shiny square of steel is placed in the projector microscope in the metallography room at Crane laboratories. To the layman, the texture disclosed is surprising as the Elgin design of magnified snowflakes. Sometimes it is like a relief map of mountain ranges, sometimes like finely veined marble, sometimes like cumbrous clouds.

But to the scientist in metals who judges it with a connoisseur's eye, the surface tells a far wider story. It discloses coarse uneven or beautiful fine grains, tells of disproportions and proportions of constituents in the alloy, speaks volumes concerning malleability, ductility, hardness, etc., gives a keen action of the metal in service, all based upon knowledge of the product.

Careful metallographic records of all metals used in Crane valves and fittings, painstaking microscopic examination of all new metals offered for possible use, are a part of the check and double check and triple check which is routine in Crane research and manufacturing.

The full story of Crane application of chemistry and science to metals is told in a fascinating book, "Pioneering in Science." It is a valuable reference book for students. Let us send you one.

TEXTILE LOSERS, 22 TO 6 (Continued from Page 1)

Eddows, an old friend of Textile's, was the outstanding star for the Nantucket, while Allard starred for the Mill men.

A fairly good crowd witnessed the game, and the cheering under Chick Campbell was fine. Coast Guard was given quite a few major penalties, while to the credit of Textile it was adjudged that no major penalties were made against them.

The only chance that Textile received opportunity to try was in the last few minutes of the game, when Capt. Allard broke loose and ran 40 yards for a touchdown.

Taking the game as a whole, it might be said that in spite of the unbeaten game was interesting, hard (boiled and well-played). Walker's defensive work was the best seen in a long time.

LOWELL TEXTILE INSTITUTE

Four-Year Degrees Offered in CHEMISTRY AND TEXTILE COLORING—TEXTILE ENGINEERING Degrees of B. T. C. (Bachelor of Textile Chemistry) and B. T. B. (Bachelor of Textile Engineering) offered for completion of prescribed four-year course.

Three-Year Diploma Courses in COTTON MANUFACTURING, WOOL MANUFACTURING, TEXTILE DESIGNING. Scientific and practical training in all processes of textile manufacture including all commercial stores. Certified graduates of High Schools and Academies admitted without examination.


TEXTILE INSTITUTE

DESIGNING PREPARATORY WEAVING FINISHING SELLING

Where do you hope to fit in this picture? If you are DESIGNING you hope to create novel ideas requiring flexible LOOMS.

PREPARATORY work must be handled with the knowledge that the modern automatic high speed LOOMS require better warp and filling.

WEAVING is a major cost in manufacturing textiles and thus requires the constant study of improvements in construction, different types, and heat adjustments of LOOMS to produce the maximum of good quality most inexpensively.

FINISHING discards marked goods due to improper adjustment of LOOMS.

SELLING involves also a knowledge of new developments in LOOMS to recommend new adaptable fabrics which will sell.

As you progress from your first position to that of executive, follow the example of an increasing number of mill men. Keep in touch by making regular visits to "THE LARGEST BUILDERS OF FANCY WEAVING MACHINERY IN THE WORLD."