Textile Engineering Society Notes

Mill Insurance and Sprinkler Equipment

Interesting Lecture by Mr. Flax of the Grinnell Sprinkler Co.

Mr. Flax's talk on mill insurance and sprinkler equipment was not only instructive but was very interesting. Mr. Flax brought out the fact that in textile mills especially, the fire hazard is very great. Even if the mill is fully insured the insurance will never cover the loss. Besides this loss by fire, there is the loss of labor due to an enforced idling down for very long periods. The production of the sprinkler system especially in the last few years, has materially reduced the fire hazard in the mills from the most unsafe to the safest. This has reduced the insurance rates to falling to such an extent that they are now permanently the lowest. At the conclusion of Mr. Flax's lecture, Mr. Flax's Sprinkler Equipment shows where the Grinnell Sprinkler System is very thoroughly.

One sprinkler will cover 80 to 90 sq. ft. The sprinkler head is set for one of four temperatures, 160°, 180°, and 190°. The sizes in the pump are made from brass, copper, tin, and lead.

Hot water at 160° will set the sprinkler head off. There are two systems—the wet and the dry. The wet system is the more common. Water is kept in the pipes in this system all the time. The dry system is used in earlier cities or buildings where there is danger of freezing. The pipes are filled with compressed air which holds the water back. When the sprinkle head goes off, the air rushes out and allows the water to flow for about one half minute. The pipes are filled with compressed air which holds the water back. When the sprinkle head goes off, the air rushes out and allows the water to flow for about one half minute. The pipes are filled with compressed air which holds the water back. When the sprinkle head goes off, the air rushes out and allows the water to flow for about one half minute.

Textile Night at Y Norfolk Dishes Textile 19 - 14

Textile waltz at the Y was a huge success and was enjoyed by a large number of people. The decorations were very nice and the program of events kept the fellows busy throughout the whole evening. First, there was the Y-themed basketball game and it was some game. The Ys were right then the team work and team won the game by a large score. The tactics used looked a lot like football, but everybody said it was better than a basketball game, so it must have been. Some of the tactics were clean and pretty, and these teams should not be out for basketball match just yet.

The bowling alleys and pool tables were open to all and they were well patronized. The instructors bowled a match against the undergraduates, and the instructors never lost to the student body the scores were not equal. Any way there was some pretty snappy bowling, and for instructors are always known as experts who love to keep in shape. The Engineers also bowled the Chemists.

The tea was the scene of some interesting swimming races and also some good exhibition diving and jumping. The cats were served just in time to have a lot of playing time, and were fine. In all, the evening was a success. The students and those in charge should be congratulated on the manner in which they handled the affair.

BASKETBALL SCHEDULE, 1922

Table: 

<table>
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<tr>
<th>Date</th>
<th>Opponent</th>
<th>Score</th>
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<tr>
<td>Jan. 7</td>
<td>Fishingburg Normal</td>
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<td>Jan. 13</td>
<td>Providence College</td>
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<td>Jan. 17</td>
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<td>Jan. 21</td>
<td>Northeastern College</td>
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<td>Feb. 3</td>
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<td>Feb. 16</td>
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<td>Feb. 22</td>
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<td>Mar. 11</td>
<td>Northeastern University</td>
<td>25</td>
<td>Lowell</td>
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Results Delivered by the Basketball Team

The Saturday nights of January 21st and 28th saw the Textile team match on the worst end of their games.

The first game, with Northeastern College, proved to be a closer match than expected. The score was close all the way and when the final whistle was blown our team surely knew that they had been in a game. The final score was Textile 31, Northeastern 28 and that shows it was a good game. Mathews and Smith were the best guard players and both men did some good shooting, especially when forced to shoot from fairly near.

Textile Defeats Boston College

Home Team Wins Fastest Game of Basketball ever Seen on Local Floor.

St. Michael's College vs. Textile

With Ken Smith missing from the line of the Linc, Textile went down to defeat to St. Michael's College. The Green Mountain boys used the final minute defense to advantage at all stages of the game. Matthews and Schneider played well for Lowell Textile, while Devery and Joy Crocken starred for the victors.

Eyes]

Lowell Textile

St. Michael's

Marshall, r.

Schneider, r.

Midkiff, w.

Lowell, r.

Hart, r.

Score: St. Michaels 32, Textile 20

University of Vermont Textile 37 Textile 12

The University of Vermont defeated Textile on February 10, by the score of 37 to 12. At the end of the first half the score stood 15 to 10 in favor of the Vermont five. In the second half eight baskets were made by the Vermont team, thus settling the score beyond further discussion.

Line-up:

Textile: U. of V.

K. Smith, r.

H. Stevens, r.

C. Mathews, r.

F. Marshall, r.

F. Farrell, e.

M. Delaney, r.

N. Lohde, r.

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(Continued to Page 2)

NOTICE

The group picture for the P. I. Pick-

Nick will be taken on Wednesday Feb. 15. These groups will include the four best players of the T. C. A. The T. C. Board, and Foremen Students. The photo will be taken on the same day.

"Cacklings from the "Coop"

JUST RECEIVED

A new line of stationery—Quincy Adams Linen, Parchment Finish—$1.15 Box
That's a kite you want to make! Don't! There's nothing you want to break! Don't! Do you feel you want where you are? Don't! If you want what is left, it will come. And see blue streaks down the sky? Won't. Don't! When you are a choice to do Don't! Keep right on without a stop Don't! When you want to think about Don't! And you'll sure shut up on top. At least when you want to try. 

-D. L. Armstrong

Fraternity Notes

D הזה ר怔ו פה Fraternity has recently secured Mr. Harry C. Brown, an instructor in the English Language Department and Mr. Fox, who is connected with the Chicago and Detroit Drefsers.

Picking Cotton by Electricity

A device consisting of a farm tractor equipped with an electric generator, is being used successfully in the Northern cotton belt to pick cotton with electricity. Hauling fleshy, cotton bales reach out in four directions from the tractor. On the end of each is a line of revolving brushes attached to a small metal frame, with an opening about the size of a man's foot. The fibers are picked up, and a half of the bales are taken into the baffle. The fibers are driven by an electric motor through a flexible drive shaft, and removed, and stored, in a pail at the end of the baffle. This results in a much better quantity which falls out of the lower part of the baffle, and is dropped into the carburetor with the fibers. It is then pushed up the rubber tube and deposited in a receptacle carried on the tractor. Tests have been made that the same electric cotton picker makes it possible for a person to gather from 400 to 700 pounds of cotton a day compared with 70 to 150 by hand.

ELectrophores

More than twenty cotton pickers are in use in the small farm belt to the Atlantic coast. Those are produced only by electricity. In the United States, tests have been conducted in forty miles with an American concern, the International Electric Cotton Company. Estimates of the Spanish roads which run through smathaniel territory, is connected to follow. A fishing system has been for hightways, which makes it possible for hight automobile drivers to travel with handless allowed, so practically is the

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The Bear Hunt

Continued from Last Issue

"This," thought I. He has killed him.

But I saw that my comrades did not run towards the bear. Evidently he had not alarmed them, or the shot had not taken full effect.

"The bear will get away," I thought. "He will go back, but he won't come a second time towards me—but what is that?"

Something was coming towards me like a whitish, snorting animal, and I saw the eyes blazing, and saw the body. I glanced straight before me, and there was the beast running along the hole through the thickest right at me, evidently beside himself with fear. He was hardly a dozen paces off, and I could see the whole of him—his black chest and enormous head with a reddish patch. There he was, bounding straight at me, and scattering the leaves about his head. I could see by his eyes that he did not see me, but would rear, and rush blindly along, and his path led straight at the tree under which I was standing. I raised my gun and fired.

He was almost upon me, and I saw that I had missed. My bullet had gone past him, and he did not even hear me fire, but with the whole of himself turned towards me, lowered my gun, and fired again, almost touching his head. Crank! I had hit him, but not killed him.

He raised his head, and tearing his coat back, came at me, showing his teeth.

I shouted at my gun, but almost at once, I had touched it, he had flown at me, and, knocking me over into the snow, had passed right over me. "Thank goodness, he has left me," thought I.

I tried to rise, but the weight of my body was borne upon me, and preventing my getting up, the bear's head had carried him past me, but he had turned back, and had fallen on me with the whole weight of his body.

I felt something heavy weighing me down, and something warm upon my face, and I realized that he was dragging my whole face into his mouth. My arm was already in it, and sunk in his blood.

He was pressing my shoulder almost with his paws so that I could not move a step; all I could do was to raise my head towards my leg, which was in his mouth, try to free my arm and eyes, while he bore me to the teeth into them. Then I felt that he had seized my fore-head just under the hair with the teeth of his lower jaw, and the flesh below my eyes with his upper jaw, and was closing his teeth. It was as if my face were being cut with knives. I struggled to get away, while he made haste to close his jaws like a frog gnawing. I managed to twist my head away, but he began dragging it again into his mouth.

"Now!" thought I, "I may end it here."

Then I felt the weight lifted, and looking up, I saw that he was no longer there. He had jumped off and run away.

When my comrades and Dunilin had seen the bear knock me down and bear-swording me, they ran towards the range.

My comrades, in his braid, blundered, and instead of following the middle path, ran into the deep snow and fell down. While he was staggering out of the snow, the bear had leaped over me and Dunilin as he was, without his gun, and with only a stick in his hand, rushed along the path shouting:

"He's eating the master! He's eating the master!"

And I saw him run to the bear:

"Oh, you idiot! What are you doing? Leave off! Leave off!

The bear obeyed and left me, and ran away. When I rose, there was as much blood on the inner as if a sheep had been killed, and the flesh hung in rags above my eyes, though in my excitement I felt no pain.

My comrades had come up at this time, and the other people collected round, looked at my wound, and put some

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