INSTITUTE COMMITTEE MAKES NEW RULINGS

Changes In Point Ratings-- Ten Feet High--Capacily 700 "The Use Of Indicators In Volumetric Analysis" His Subject

Through the generosity of the manufacturers, the Institute has been presented with an Emerson Steam Pump having a capacity of 700 gallons per minute. This pump sucks water into a vacuum formed by condensing steam, and then discharges against a head by direct steam of the water on the surface. In appearance and in method of operation, it is somewhat like the pulsumeters, and similar pumps of the same kind, of the same type, which are so often used for draining water from sewer trenches. It differs from them in having its steam valve operated by what is virtually a small steam engine that can be set to run at any speed and so cause the pump to fill and empty any desired number of times per minute. Direct-pressure steam pumps are particularly useful for the handling of large quantities of water, such as those handled by the Institute laboratory. The Institute has had a 300 gallon and a 70 gallon pumpometer for several years and has given instructions in the principles which are involved to students in most of the engineering courses. These two pumps, with the subjects of the two classes, the Emerson pump has been set up in the laboratories of Engineering Building A and is now ready for class work. It is of somewhat impressive size, standing over ten feet high. It fills what is very nearly the entire available space in the laboratory and serves as a powerful reminder that the Institute is to continue a growing in equipment and efficiency, it must have more room to expand.

MILITARY DRILL NOTES

Frederick H. Bushy, 1912, has been appointed the company commander of B Company, to fill the place of Capt. Betts, who was ordered on account of promotion to V Company. Capt. Bushy was 8th ser.

V Company year and has been prominent in Institute activities, especially athletics. He will take command of his company immediately.

Ten minutes of the snapped "right-off-the-reel" drill that a Tech freshman ever heard of? Well, D Company received last Monday, Capt. Eason himself took command of the company and he gave them a taste of what real wide-awake company drill is like, and the drillers are all filled with righteous fire-gate fun, and what is more, they are executed with crisp speed. The two or three minute "out" which followed this exercise was duly appreciated by the drillers.

At the close of yesterday's drill Major J. A. Herlihy called a meeting of the officers and members of the Drill Association in the Union to discuss the proposed Military Ball. The motion to give points to officers and members of Courses V, VIII, and XIV, was supported from the Union.

INSTITUTE COMMITTEE MEETING

The Chemical Society held a meeting last night in the Union. The speaker of the evening was Dr. Noyes. Before the lecture a short business session was held, when the following points were made: to amend the constitution of the society, so as to allow Sophomores to vote at the elections. It was also moved that the Secretary send notice to all candidates for offices and Executive Vice-Vice Presidents, in forming them that they were eligible to full or associate membership, and that the Secretary send notices to all members on any account of its being held away from the Union.

Dr. Goodwin of the senior class has called the meeting and he says that he hopes for an especially large attendance. The matter is one of great importance, he says, and is now up to the majority of the institute students to establish a precedent by either condemning the action of 1913 or approving it by allowing it to pass. A special meeting is called to take place at 10 a.m. on the 21st of December. It is stated that Dr. Goodwin refused the invitation to attend the meeting on account of its being held away from the Union.

The Dissatisfaction of 1913 plans, from the standpoint of the union, will be passed. The 1913 meeting is to be taken up.

1913 MEETING TODAY

Leaders to be taken

Stand on Dinner Plans

This year's freshman class is breaking all the old traditions that were ever set up at the Union. Considerable discussion has been in progress during the past week on the question of what course to follow in the Union. The idea has not yet been decided, and the decision will be made by the upper classes and from different members of the Faculty. A large number of freshmen are not in sympathy with the Union idea, and the meeting has been rescheduled and will be held in Huntington Hall this afternoon at one o'clock. It is understood that the freshmen are going to stand out against the opinion of all the upper classes and the Faculty and considerable discussion is expected at this meeting.

P. H. Nwell, M. I. T. '84--Director of the United States Reclamation Service will give an illustrated lecture on the Reclamation Mountains of the United States. The lecture will be given at 8:30 in Huntington Hall. Excellent pictures will be shown of the water supply of the United States and the talk will be devoted to water supply. It is open to the public, and should be of much engineering interest.

AM. E. SOCIETY

The Boston section of the American Society of Mechanical Engineers, will meet on December 17, at 8 P. M., in the auditorium of the Risdall Building, 20 West Concord Street, in connection with the "Effect of Superheated Steams on Cylinders and Steel." It will be read by prominent men, and a general discussion will follow. All engineers and students are invited to be present. Full details will be found on the M. E. Society's bulletin to Engineering A.

Governor Hughes has accepted the invitation of the University of Pennsylvania to be University Day speaker on February 22.

Upper Class Mass Meeting, 1:45 today, Hunt Hall

Three Upper Classes Will Meet At 1:45 Today -- Action To Be Taken

A monster mass meeting of the three upper classes has been called for 1:45 P.M. today in Huntington Hall. Feeling has been running high among the upper classes over the action of the freshmen, in going away from the Union for their class dinner, and the matter will be pretty thoroughly discussed at this meeting.

Pres. Goodwin of the senior class has called the meeting and he says that he hopes for an especially large attendance. The matter is one of great importance, he says, and is now up to the majority of the institute students to establish a precedent by either condemning the action of 1913 or approving it by allowing it to pass. A special meeting is called to take place at 10 a.m. on the 21st of December. It is stated that Dr. Goodwin refused the invitation to attend the meeting on account of its being held away from the Union.

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CALENDRA

Thursday, December 16.
1:00, 1913 Class Meeting in Huntington Hall.
4:15, Mass Meeting of three upper classes in Huntington Hall.
5:00, 1913 Dinner--Crawford House.
6:30, Mass Meeting of three upper classes in Huntington Hall.
Friday, December 17.
5:30, Melrose High vs. 1913--Basketball--McKay.
4:00, Basketball Practice--Gym.
8:00, Winter Concert--Opaley Hall.