

MAKING OF COKE OBJECT OF VISIT BY SENIOR CHEMS

Gas By-Products Mixed to Conform With Regulations

KOPPERS PLANT CLEAN

Last Tuesday, November 12th, the Senior Chemicals made an inspection trip to the Koppers Coke Company at 3500 S. Crawford Avenue. The sixteen students and Professor Bentley were divided into two groups each with a guide furnished by the company.

One of the interesting problems that confront the company is the mixing of gas, their main product. Under the rules of the Interstate Commerce Commission fuel gas must furnish 535 b.t.u. The coal gas made during the cooking process furnishes but 510 b.t.u. It must be enriched by water gas, a 570 b.t.u. gas, and oil.

Of all the coke produced by the 105 coke ovens 70% is used to make water gas to mix with the coal gas. About 25% of the coke is sold and the remaining 5% of the coke is used to make a low b.t.u. gas that in turn is used to change the raw coal to coke.

The Kopper's plant is one of the cleanest that has been visited by the Chemicals. It is laid out very well with its half-mile of cooling pipes in a minimum of space. This company furnishes one-third of the 70,000,000 cubic feet of gas used by Chicago daily.

Time Saving Devices Installed by Griffin

Mr. Griffin, who is in charge of the Chemical Storeroom, has instituted several improvements about the different chemical laboratories.

Using his own initiative he installed the devices, which are saving time and patience for all who use the labs.

The new system of card filing has been the greatest time saver. Formerly a student might forget his storeroom file number and there would be no way of finding it. Now the storeroom numbers correspond to the locker numbers. If a student forgets his locker number he can always find it on his key.

Mr. Griffin has equipped the labs with cork borers and coat racks. Also there are boards with different sized corks in all the labs. By slipping a flask over a cork, a student can find the size and then get the cork from the storeroom in a minimum of time.

NEW AERONAUTICS COURSE CONDUCTED AT WISCONSIN

A correspondence course in aeronautical design, construction, operation, and maintenance has recently been offered by the University of Wisconsin. The course is intended for those preparing for aviation or aeronautical design. Anyone with two or three years of high school work can study the course profitably, according to Prof. W. H. Light, director of extension teaching.

Japanese women in Tokyo are beginning a campaign to obtain equal education facilities with the men. Many Japanese universities admit women into their classes as visitors, but they are not regarded as students, and get no credit or degrees. They are demanding co-education until women universities become large enough to take care of all those who wish to attend.

Freshmen intelligence tests in Michigan State showed a 16-year-old girl, and a 16-year-old boy to have the best score of the entire class. It was also found that men are inclined to make both more high scores and more low ones, while the women stick fairly consistently to medium scores.

In order to comply with a condition of a will which bequeathed \$5,000,000 to the University of Vermont, the University has restricted its enrollment to 1,000 students, all of whom must be residents of Vermont.

REVIEWS

NOCTURNE
FRANK SWINNERTON
Grosset & Dunlap

A nocturne, to an artist, merely identifies the scene as a night view; the term is easily applicable to this book by Frank Swinnerton bearing that name, for the entire book covers but the activities of a single night.

"Nocturne" is, if analyzed, nothing more than a glorified character study. The plot structure, while it does exist, is merely present to present the varying phases of the one night in the lives of two dissimilar sisters. It is only a vehicle to carry out the author's intense presentation of the thoughts, desires, and emotions of these two natures; one a rather buoyant, semi-romantic, and egotistic person, and the other timid, servile, and culturally starved.

Impressionistic art is most conveniently adopted as a standard for comparison. Just as in that field one loses the exactness and gains the mysterious touch of undefinability, so we likewise lose the feeling that the book is to reveal a definite series of actions and gain the intimate knowledge of the five persons that form the tale. Yet the characters do impress one with reality; they are vividly stamped upon your mind and in a most striking manner. Their very natures are expertly revealed, from the fickle Cockney lover to the feeble-minded, beer guzzling, "noos"-seeking Pa.

To those who appreciate the delicate touch of a writer, this book must have a strong appeal. The love-making scenes are such that the slightest false move on the part of the author would have produced an irremediable fault; the situations that the author has led himself into are of a fragile nature, and the thread that prevents the scenes from becoming either absurd or incongruous is indeed a delicate one. But Swinnerton manages to carry himself through the entire work with the utmost success.

In recommending this book, I must warn one against expecting to digest it in the manner suitable for a light, fast-moving novel. It is not a serious book in the sense that it will present great fundamental problems, but its delicacy of style will force one to be in a receptive and rather high-planned mood to get the full benefit. "Nocturne" is to be found in the Armour Library.

Arch Librarians Speak at Meet

The Illinois Chapter of the Special Libraries Association held a luncheon meeting yesterday at 12:30 p. m. at the Art Institute.

Miss Abbot, librarian of the Ryerson Reference Library of Art, and Miss Rawls, librarian of the Burnham Library of Architecture, spoke on the history, resources and the usage of these libraries. The meeting then adjourned to the libraries.

The Ryerson Library consists of 27,500 volumes, 25,500 lantern slides, 49,300 photographs and other material. The Burnham Library has 5,200 volumes pertaining to architecture.

Advanced Botany classes at Northwestern are to take on airplane ride over the Indiana sand dunes as part of their required work this semester. The classes have already been many places in the state studying land, plants, and peculiar land formations in their natural surroundings.

Mississippi State College for Women has a grand total of sixty-one schools represented on its teaching corps. One wonders how many of the professors are "confirmed" batchelors!

The freshman women at Marquette University are required to wear the traditional "frosh" cap.

A student at the University of South Dakota commutes by airplane, as he lives sixty miles from the campus.

Nothing can happen more beautiful than death.—Walt Whitman.

Model Engineers Soc. Gives Exhibition at Republic Building

Small working models of machines which we see about us every day hold a great fascination for us. If one of our friends should show a model of his own making we would immediately become interested and "fire" questions at him as to how he went about producing an article so exactly like the large original. If one model representing one man should stir such interest in us then a large collection of models representing the work of many men should interest us that much more.

And they do, judging from the number of persons who visited the exhibition of fine engineering models last week, Nov. 13-16. The exhibition was given by the Chicago Society of Model Engineers and was held in the Republic Building, 209 S. State St., on the tenth floor.

Here models of almost every branch of engineering were on exhibit. A steam locomotive capable of pulling several persons, a yacht, an old schooner, a marine engine, a power plant, a tractor, and an electric locomotive were some of the things represented by models. In all cases they were workable.

One of the features of the exhibition was a model of a standard, "American Type" locomotive, used on the Burlington and practically all other railroads of the United States between 1870 and 1890, and was built by B. J. Arnold of Ashland, Nebr., in 1880. Arnold was a lad of 18 without mechanical training or instruction and he made the model from such crude materials as he was able to gather in a small Western town devoid of machine shop or foundry. He obtained the dimensions of the engine while it was still in service, and was always

FRATERNITY NOTES

TRIANGLE

Triangle held an Alumni Smoker on Sunday, November 17 at the Chapter House. Many of the Alumni returned to enjoy an evening of cards with their class-mates.

SIGMA ALPHA MU

A House Party was held at the home of Avron Simon on Saturday November 16, and the party was a howling success in all senses of the word.

KAPPA DELTA TAU

Kappa Delta Tau announces the pledging of the following men: Henry Levin, Ch. E., '33; Sidney Crane, Ch. E., '32; William Holland, Ch. E., '32; Jack Robbe, C. E., '32.

on hand to take observations at the station where the train stopped to taken on water. Arnold's success in constructing this model without adequate tools shows that the apparent lack of materials cannot hold one back.

A. Willard, '31, is the vice-chairman of the Chicago Society of Model Engineers and when interviewed told of how the society was organized in 1914 to promote interest in the hobby of making models. He said that the C. S. M. E. is the oldest society of its kind and its members make all kinds of models.

The organization consists of 200 members, forty of whom live in Chicago and are from all walks of life. The dues are \$6.00 a year for full membership, \$3.00 a year for a junior membership, and \$2.00 a year for a non-resident membership. This includes a subscription to the Model Engineer, a monthly publication for model makers.

The Society meets every second and fourth Thursday of the month in Rm. 921 Kimball Hall at 8 p. m.

DELTA TAU DELTA

We note that the "be-whiskered" Architects, namely, Roy Barber and Al Hollin, have finally broken down and shaved because they finally completed a project. Have you boys ever heard of Indiana U.?

Vern Sturm has been toting a very conspicuous yellow and black banded tie which he claims was given him by Dean Palmer, we wonder; well anyway, the stripes were running in the right direction.

KAPPA DELTA TAU

The Kappa Delta Tau fraternity takes pleasure in announcing the pledgings of William A. Holland, Ch. E., '32; Edmund Field, Ch. E., '32; Jack M. Robbe, C. E., '32.

RHO DELTA RHO

The Rho Delta Rho fraternity takes great pleasure in announcing the initiation of S. Cannel, '32; E. Goldstein, '32; M. W. Morowitz, '32; H. H. Slavitt, '32.

The annual Fall Frolic was held at the chapter house November 2, 1929, and was attended by the active members and a great number of alumni.

PHI KAPPA SIGMA

Extensive plans are being made for the Homecoming Dance on November 23. The invitations have already been sent out.

SIGMA KAPPA DELTA

Sigma Kappa Delta wishes to announce the pledging of Bradford Larson, F. P. E., '33 and Frank F. Strassenburg, M. E., '31.

A "Radio Dance" was held at the Chapter House on Saturday, November 16, with very excellent reception.

BETA PSI

Beta Psi announces the initiation of Frank Rutkowski, '31.

The second Inter-Chapter Dance of Beta Psi Fraternity will be held this year on November 30 at the St. Clair Hotel. The Armour, Illinois, and Lake Forest College Chapters will be in attendance as well as many friends and alumni.

Washington State College may well challenge the football world for the 1929 traveling championship. Twelve games comprising the longest and most difficult schedule in W. A. C.'s 35 years of football competition, will take the Cougar gridders some 13,688 miles over land and sea before they wind up the season on New Year's day.

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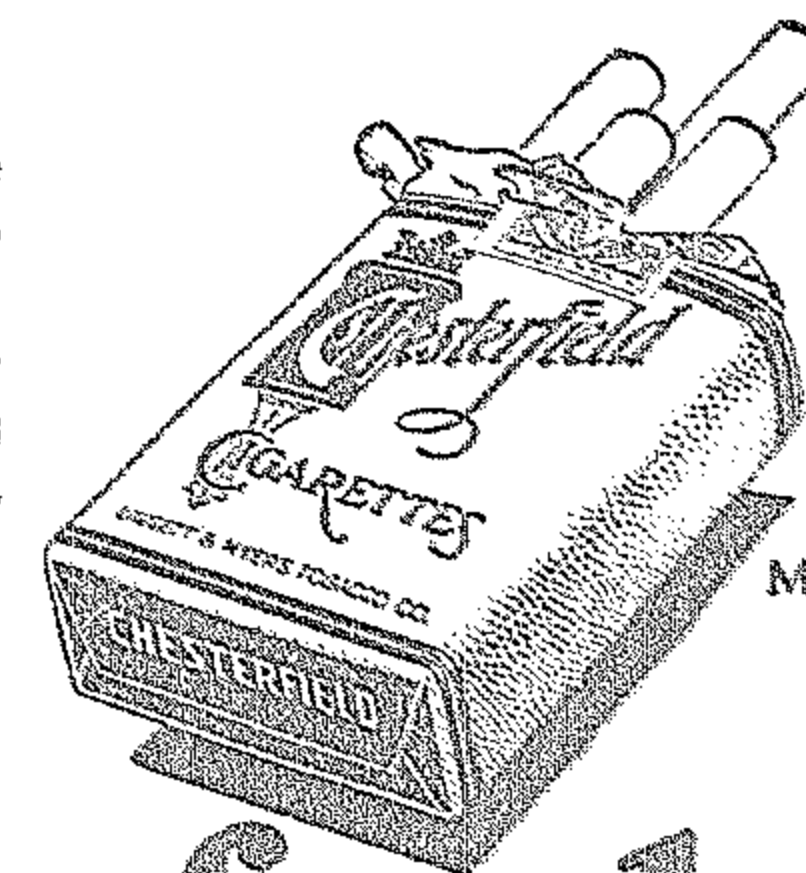
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