

Armour Tech News

Student Publication of the
ARMOUR INSTITUTE OF TECHNOLOGY
CHICAGO, ILLINOIS

Published Weekly During the College Year
SUBSCRIPTION RATES

\$2.00 Per Year Single Copies, 10 Cents Each

THE STAFF

MANAGING BOARD

Editor-in-Chief.....Fred Attwood, '31
Managing Editors.....{Arthur Jens, '31
 {Alvin Auerbach, '31
Business Manager.....James Casey, '32
Faculty Advisor.....Professor Walter Hendricks

ADVISORY BOARD

Retiring Editor-in-Chief.....David T. Smith, '30
Retiring Business Manager.....Morris O. Nelson, '30

NEWS DEPARTMENT

News Editor.....W. H. Rudolf, '32
Departmental Editors

Fraternity.....J. R. Jackson, '32
Architectural.....H. P. Richter, '32
Organizations.....E. W. Carlson, '32

Reporters

J. B. Dirckers, '32 I. Krawitz, '33
R. L. Ellis, '33 T. Leavitt, '33
M. Windgrond, '33 E. C. Kubicek, '32
R. G. Kellner, '31

SPORTS DEPARTMENT

Sports Editor (Acting).....Arthur Jens, '31
Assistants

A. Weston, '32 C. Stempkowski, '32
R. F. Rychlik, '33

FEATURE DEPARTMENT

Feature Editor.....P. E. Seidelman, '31
Columnist.....K. A. Knittel, '30
Inquiring Reporter.....O. Barnett, '33
Cartoonist.....Dave Chapman, '32
Feature Writer.....C. Blahna, '31
Staff Photographer.....O. R. Murphy

MAKE-UP DEPARTMENT

Make-Up Editor.....M. J. Schinke, '32
Assistants

B. C. Scott, '33 G. L. Bonvallet, '32
F. F. Strassenburg, '31

BUSINESS DEPARTMENT

Advertising Manager.....E. A. Scanlan, '32
Assistants

F. W. Spaulding, '31 M. A. Collick, '32
C. A. Erickson, '32 R. Tufts, '32
Circulation Manager.....A. F. Wilde, '31
Mailing Circulation Manager.....J. S. McCall, '32

Assistants

R. Dufour, '33 O. G. Linnell, '32
C. B. Sommers, '33 H. Bodinson, '33
H. H. Hamlin, '31 A. Jungels, '32
J. W. Juvinall, '33 S. Anderson, '32
H. S. Nelson, '32 P. Kesselring, '31
E. H. Chun, '32 H. Pilgrim, '31
J. P. O'Hara, '33

Exchanges.....A. J. Aukstaitis, '31

Vol. V. MARCH 25, 1930 No. 7

INSPECTION TRIPS

Spring, that peculiar season of alternate hot and cold, wind and rain, brings with it the hope of the continuance of the series of inspection trips that the various departments made during the clement weather of last fall. During the next two and a half months, there should be an opportunity to see most of the points of interest that would prove advantageous.

Inspection trips, to our viewpoint, are a most potent factor in connecting the academic work at Armour with the actual constructive engineering work of the world. As a school located in a large city, we are fortunate that we have access to so many and varied operations of engineering.

These trips, while at a first glance may seem but a pleasant way to spend an afternoon and evade classroom or laboratory work, are really much more important fundamentally. It is exceedingly hard for a man to spend hours or even weeks on a project that he has never or rarely seen, and at that, probably without the opportunity to have explained to him just what details he fails personally to comprehend. Therefore, this phase of our education actually serves to correlate our notions with those of practice, and to form opinions of what is practical.

The average engineer, upon graduation, is usually treated with a little contempt by the old "hands" who are well versed in the tricks of their trade. Textbooks often deal too much with the idealistic viewpoint, and any attempt to follow this line of reasoning in actual work places the man as one of the non-initiated. While the inspection trips do not give one the viewpoint that several years of work does, they do tend to make one realize that engineering is actually a practical and not a purely theoretical science.

Engineering literature, if carefully digested, might take the place of some trips, but it is an indisputable fact that reading would not make half the impression nor tend to as long a period of retention as the actual sight of the operation or process in question. It is a personal axiom of one of the members of the faculty that an engineer believes in seeing, not hearing things, and we heartily agree with him.

As we have already mentioned, our location in Chicago is a great asset to the school. It is hard to conceive of a phase of engineering work such as taught at Armour that cannot be made the basis of an inspection trip. Industrial plants of every conceivable nature are abundant and conveniently located; construction work of all kinds is taking place throughout

THE SLIPSTICK

Cleave to "The Slipstick"; let
the Slapstick fly where it may.

Hard Up for Poetry? Not Us

A peanut sat upon the track
It's heart was all aflutter
A train came roaring down the track
Toot! Toot! And the little peanut
jumped off.

Winter has come again, foiling the photographers, and disappointing the lads who thought they would get out of a physics lecture.

"Is she the leading lady?"
"Yeah! She's leading the orchestra by about four measures."

Ain't It the Truth

One advantage in being an instructor is that when you can't work a problem, you can assign it to the class for homework.

THE COED IS BACK AGAIN

Teacher—"Who can tell me where Texas is?"
Lil' Boy—"I know, teacher. She's at the Green Mill (not adv)."

Warning

They sure are getting strict in the library. If you have a squeaky fountain pen, or asthma, or clips on your heels, you had better stay out.

Fair Enough

Small Lad—"Ha! Ha! I just saw you kiss sis."
Suitor—"Here. Keep still. Put this quarter in your pocket."
S. L.—"Here's ten cents change. One price to all, that's the way I do business."

A middle aged man is one who has quit growing on either end, but continues to grow round the middle.

AVERAGES

Patient: "Doctor, what are my chances for recovery?"
Doctor: "Excellent; statistics show that one out of every ten gets well and the nine cases I attended before you have all died."

Why is a mouse when it spins?
If tripe is 10 cents per yard, how much will it take to make a duck lay a 10 inch plank?

We said no more conundrums, but we are printing these with the hope that the "Kidder" will let us have the answer, if any.

This week's mail (box by the elevator, etc.) brought a new contributor. The KIDDER, who says "Yours till The Armour News has 10,000,000 circulation." Well, all we can say to that is we surely are glad to have a steady contributor at least for the next six or seven months. But getting back to the contribution. He thinks that the COED was wrong in her answer to the puzzle about the sailor. He claims the answer should be "The waitress knew he was a sailor because he told her so." Now "Kidder" we think you've been kidded, you know sailors don't tell.

Pictures for the Cycle—you would be surprised how many fellows belong to the different societies and clubs at this time of the year.

TOUGH LIFE

Things sure aren't what they used to be, you have to ask at least five or six fellows for the problem today, while a few years ago the most you had to ask were three.

Frosh—Soph—, Story

Frosh: "That dog of yours bit my finger."
Soph: "He would have bitten your leg, but he is on a diet."

As the revenue officers said, "Now is the time to go to the raid of the party."

OH! OH!

He—"You look sweet enough to eat."
She—"I do. Where shall we go?"

Seriously Speaking

We are of the opinion that the school should provide a smoking or recreation room, so that the students might not have to loiter in the halls, and have to go outside when it rains. What say?

Some dumb dodo thought a dogma was a puppy's mother.

This is open season for spring poetry.

the city; and electrical processes are found everywhere.

We hope, therefore, that the men on the trips will try to realize that they are more than a lark; while we do not expect to see the men plodding about with notebooks in hand, a few serious observations are easily achieved. Classroom discussion of most inspection trips of the past has shown clearly that they are well worth the time spent.

Professor Edwin Stephen Libby

(A Biographical Sketch)

By P. Emil Seidelman

Edwin Stephen Libby, Associate Professor of Experimental Engineering, was born at Portland, Maine, on February 18, 1879. He attended Lewis Champlin grammar school, and graduated from Chicago English and Manual High now called Crane High School, in 1898. He then attended Armour Institute, and received his B.S. degree in Mechanical Engineering in 1902. He received an M.E. degree from the Institute in 1907. While at the Institute he became a member of Sigma Kappa Delta, Pi Tau Sigma, and Tau Beta Pi Fraternities.

During his summer vacations, while attending school, he worked in the engineering department of Swift & Co., and after graduation he became Assistant Chief Engineer, in their packing-house plant, at East St. Louis, Ill. In 1904 he returned to Chicago as Chief Operating Engineer, for the Hammond Packing Company, U. S. Yards, Chicago, Ill.

In the fall of 1905, Professor Libby joined the staff of the Institute as an Instructor in experimental engineering. Since that time he has taught steam and refrigeration laboratory and delivered lectures on refrigeration. He was promoted to an Assistant Professor in 1909, and to an Associate in 1917. He has conducted classes in refrigeration at Siebel Institute and also in the evening classes at Armour.

Professor Libby has, in conjunction with his regular duties as a teacher, acted as a consulting and testing engineer for various firms, a few of which are Sears, Roebuck

& Co.; Western Electric Co., Lasken Iron Works, etc.

In 1923 he married Miss Cora M. Gains, of Cincinnati, Ohio.

Professor Libby has been a member of the Educational Committee of the National Society of Practical Refrigerating Engineers for five years and chairman for the past two years. The purpose of this committee is to supervise the educational work, which includes the arranging of convention programs, and the distribution of educational material to the entire membership. He is also a member of the Chicago Section of the American Society of Refrigerating Engineers.

He has written several bulletins for the N. S. P. R. E. on various subjects, as follows: Measurement, Properties of Matter, Heat and Elementary Mechanics, and he is also conducting a question box in "Ice and Refrigeration."

His entire interest outside his vocation is centered in baseball and fishing. This latter desire is satisfied to some extent each summer when he joins the Fishing Squad, a group of professors, who leave immediately after commencement on a fishing expedition.

L. C. Cooley Gives Talk to Chemicals

The monthly meeting of the A. I. Ch. E. held last Friday was addressed by L. C. Cooley of the Whiting Corporation, Harvey, Illinois. He spoke on the various types of evaporators, emphasizing particularly the multiple effect evaporators. The latest complicated designs and the latest types of evaporators were described by the speaker. At the conclusion of his talk, Mr. Cooley allowed the students and Professor McCormack to ask him questions concerning the evaporators.

Alumni News

T. A. Hicks, ex, '06, visited school last Friday, spending some time in the mechanical engineering department. Since leaving school in 1904, Hicks has been connected with Westinghouse Electric Company at Philadelphia. At present he is travelling through the midwest, inspecting rail cars which have Diesel electric drives.

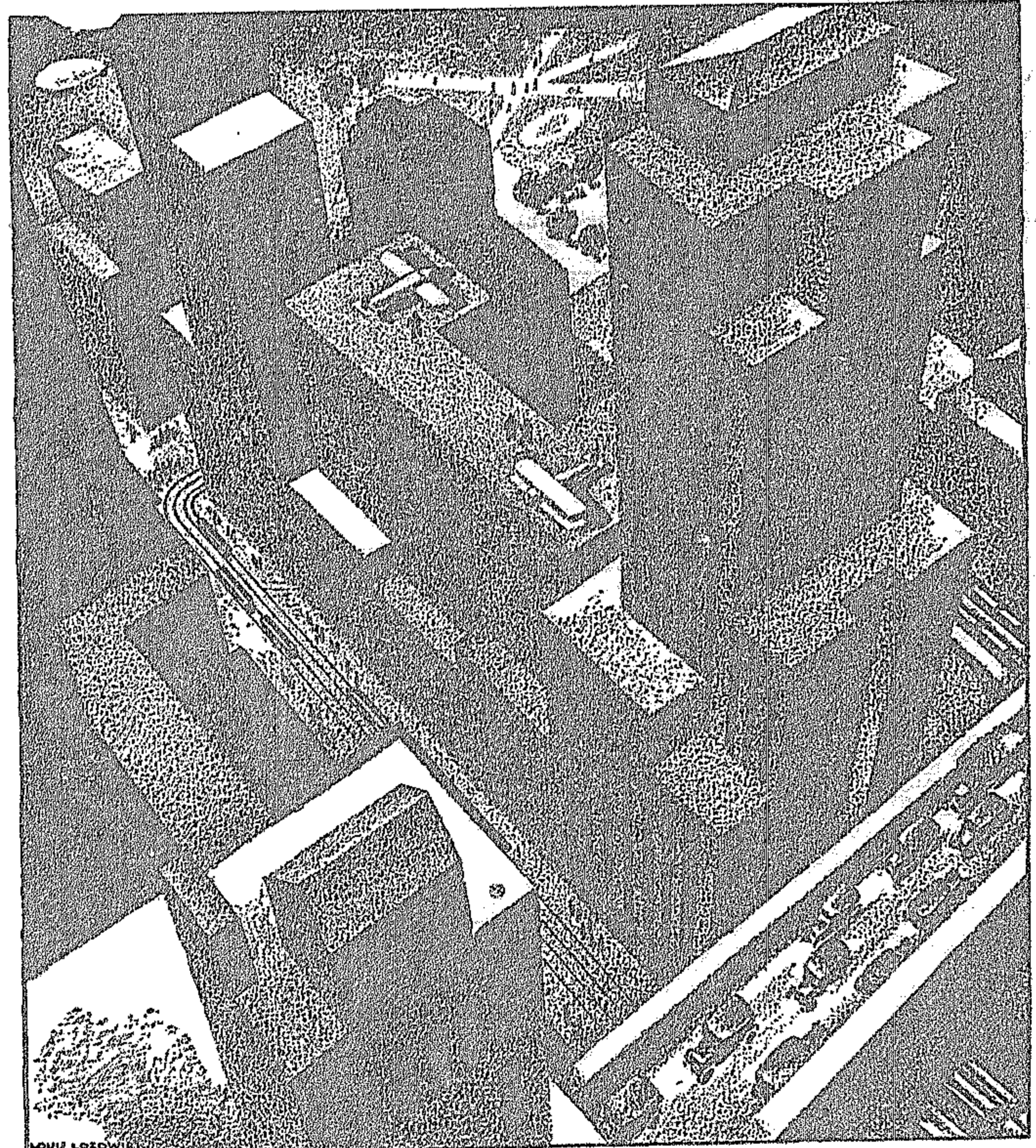
Henry Eickelberg, M. E., '23 visited his former instructors last week and inspected the laboratories. His home is in Oak Park, Ill., and he is the owner of two garages on the West Side of Chicago.

M. B. Krebs, '23, is now with the Commonwealth Edison Company, R. S. Illg, '20, is working with the Illinois Bell Telephone Company. Both of these men are attending Professor Freeman's evening school class of Economics at the Western Society of Engineering rooms.

Phil Diwert, '23, visited Chicago last week. Phil is with the Indiana Inspection Bureau and is located in Indianapolis.

Tire Representative Interviews Seniors

Mr. A. G. Ridgley, a representative of the Firestone Tire and Rubber Co., of Akron, Ohio, was at the Institute last Monday, March 17. He interviewed about 34 seniors of several departments with a view toward obtaining men for sales and promotion work. This was his second recent visit, the first being earlier in the season, at which time he sought graduating men for engineering work.



The telephone looks ahead

Even as you are putting through your daily telephone calls, groups of Bell Telephone experts are calculating your telephone needs for five years, ten years, twenty years from now.

It is their work to discover from all available facts—not fancies—how each state, city and community will probably grow. These facts are reduced to forecast charts, precisely as an astronomer plots the course of a comet.

Thus central offices are planned years before they are actually built. Underground and overhead lines are laid out to fit future as well as present needs. Expansion of service is provided for.

Bell System planners virtually live in the cities of the future. They play a vital part in providing the best possible telephone service for the least possible cost.

BELL SYSTEM

A nation-wide system of inter-connecting telephones



"OUR PIONEERING WORK HAS JUST BEGUN"