

NOV 52

INSTRUMENT
SOCIETY of
AMERICA



SARNIA SECTION



Monthly Bulletin

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The Instrument Society of America

SARNIA SECTION

has as its objectives the advancement of the arts and sciences associated with the theory, design, and use of instruments in the various industries and technologies in the sarnia area.

The immediate benefits derived by the Sarnia members include the monthly publication *Instruments*, a monthly general meeting at which a qualified speaker discusses an instrumentation topic, and a winter school for instrument men who are interested in improving their knowledge of currently available instruments, as well as their servicing techniques.

Through the activities of its many committees, the main Society is striving constantly for the improvement and standardization of instruments and instrumentation techniques in the process industries. It is therefore worthy of the support of everyone to whom instruments are a livelihood.

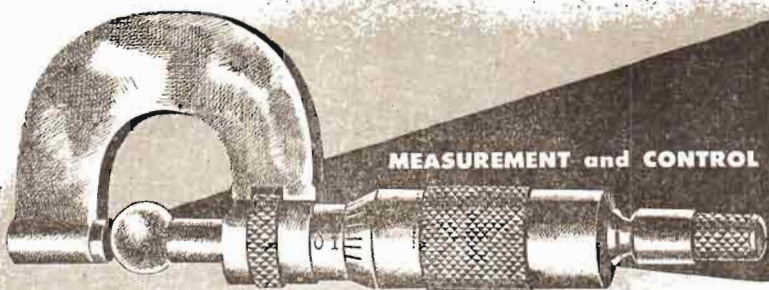
Executive Officers for the 1952-53 season are:

| | |
|-------------------|---|
| Honorary Chairman | MR. J. M. HACKING Plant Superintendent Dow Chemical Company |
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Meetings are held each month on the third Monday at 8.00 P.M. The meeting place will be Club Rooms B and C of the Sarnia YM-YWCA unless otherwise announced.

Membership dues are \$12.00 per annum for Senior Members and \$7.50 for Associate Members, and are payable to the Treasurer of the Sarnia Section.

Correspondence relating to the general activities of the Sarnia Section should be addressed to L. J. Hall, Secretary, 730 Talfourd St., Sarnia. Correspondence concerning programs should be sent to J. R. Connell, Program Chairman, P. O. Box 233, Sarnia.

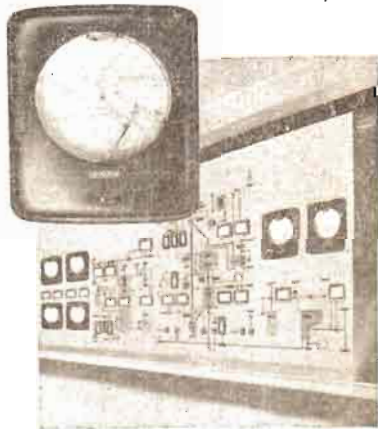


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SECTION NEWS

Vol. 2, No.3.

November 1952.

I.S.A. SCHOOL

The Sarnia Section, I.S.A. School being held at the Collegiate on Tuesday and Thursday nights is proceeding very satisfactorily, according to reports from our Educational Chairman, Ken Goldring, who is directing the school. Ken reports that there is room for three or four more students in the first half of the course, the elementary one, so if you know of anyone who might profit by the course, whether they are I.S.A. members or not, tell them that they may still get in on the course if they contact Ken right away.

The advanced course, to start after Christmas, is oversubscribed and some weeding out will have to be done.

NEW MEMBERS:

We welcome the following new members of the Sarnia Section, I.S.A., who joined during October:

Mr. John Tranter, 740 Ontario St., Sarnia, Ont.
Instrument Mechanic, Polymer Corporation.

Mr. Earl Hillis, Petrolia, Ontario.
Instrument Mechanic, Polymer Corporation.

FINANCIAL REPORT

| | |
|--------------------------------|----------|
| Collected this term | \$342.50 |
| Paid out | \$197.14 |
| Balance | \$145.36 |
| Balance Fwd. (last year) | \$231.35 |
| Total Bank Balance | \$376.71 |

L.Parker (Treasurer)

WRITTEN ON-A ROLL CHART

Everyone who is on the mailing list for this little magazine is associated with Instrumentation in some form or other. Most of us make our living by instrument work whether it be by installing or maintaining instruments; or perhaps we are numbered among that misguided and un-gifted few who purchase our machines from Rube Goldberg and Co.

Be that as it may, it is safe to assume that most of us are, as a result of the type of work we are doing a little twisted, mentally. Of course, we don't notice it ourselves and our fellow workers don't because they have the same affliction. No doubt, our wives do notice it, but as they consider us a little unbalanced anyway, they are content to observe the effect without searching for the cause.

I believe that the chief symptom of our peculiar dementia is a tendency to solve problems in an oblique way, that is, to avoid the frontal attack. As an example, the far-gone cases would rather use a cat and a hot plate instead of some type of commercial time delay relay.

A friend of mine, who has been maintaining instruments for longer than is good for anyone to have done so is typical of those who prefer the circuitous route. I asked him recently what qualifications or attributes went to make up a successful instrument mechanic. His reply, which follows, displays his curious mental attitude. (I quote:)

1. He must have a strong sense of humour and a loud spontaneous laugh. This will be invaluable when he puts one controller on manual and walks out and zeroes another. He may even get the operator to think it is funny too!

2. He must have a thick skin to resist all process men's hints that he is incompetent and bungling. A quiet sneer is usually enough to squelch any theories they may have.

3. He should be quite secretive. If he does repair an instrument, he should never tell the process men how he did it. Just scribble something illegible on the chart and they will be too proud to ask what it means.

4. He must have a ready stock of reasons why the instruments don't work. Education, training, mechanical ability and hard work are all vastly less valuable assets than this. A first class alibi man is worth several hard workers who are handicapped by honesty.

5 His regard for process men should be one of carefully concealed contempt. Concealment is difficult, but very necessary. They always blame their trouble on the instruments. Blame yours on the pumps and vessels (in a loud voice!).

6. He must be quick-witted. When process troubles straighten themselves out, as they often do, jump right in and assume credit for it. The operator will find it nearly impossible to prove you are wrong. The cheap publicity may do you quite a bit of good, too. (End of quote).

Perhaps my friend has been working on the self-operating valves too long. What he says may be true - we should be training ourselves as spellbinders and hypnotists rather than mechanics. I'm sure he must be wrong, aren't you?

H. Hobbs.

DECEMBER MEETING:

The December meeting will be the usual Christmas party. We have not yet found a suitable place for it, but the Special Events Committee are working hard on it lining up some entertainment and a program to go along with the usual refreshments. Definite news about it will, of course, appear in the December BULLETIN.

NOVEMBER MEETING

Date: Date: Monday, November 17, 1952.

Place: Basement, Sernia YM-YWCA

Time: 8:00 P.M.

Speaker: Dr. Donald P. Eckman
Associate Professor of
Mechanical Engineering,
Case Institute of Technology,
Cleveland.

Topic: "Pipe-line flow control -
A Discussion of the Problems
of Controlling Flow Rate".

Note on Speaker: Dr. Eckman is consulting engineer
to Conoflow Corporation of Philadelphia
and Associate Professor of Mechanical Engineering of Case
Institute of Technology in Cleveland. He is well known
in the instrument world chiefly through his technical
publications. His two better known ones are "Principles
of Industrial Process Control" and "Industrial
Instrumentation".



THE Honeywell symbol stands for the world's most complete line of instruments and controls . . . over 8,000 different types for control functions covering the residential, industrial and transportation fields.

Since 1932, when Honeywell first began manufacturing controls in Canada, the story has been one of continuous development and expansion. Unit production has increased 1200% in the last ten years; while at the same time diversity of types manufactured has grown steadily. Today over 70 different Honeywell controls are made in Canada, as well as the manufacturing and assembly of a constantly growing list of the company's line of Brown industrial instruments.

Industrial controllers represent the principal line of Honeywell's Brown Instruments Division . . . instruments that record, indicate, and/or control temperatures, pressures, humidity, fluid flow, liquid level, moisture content, acidity—practically any variable element of production, research, design, testing and accounting functions.

Honeywell Industrial Valves and a long list of other primary control elements form an important part of the Honeywell family. To serve industrial users, a large variety of instrument literature on products and applications is available on request. Of specific note is a list of several hundred Instrumentation Data Sheets covering particular applications of instruments. In addition a quarterly instrument magazine is published for interested engineers to keep them abreast of new instrument developments and the latest applications; and also a tabloid type bi-monthly paper called *Industrial Control News*, covering smaller control devices and their application.

Write today for a current list of IDS application sheets or to be put on the mailing list to receive *Instrumentation* or *Industrial Control News*. These service publications will be sent to you regularly without cost or obligation.

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2. Benefits of automatic reset without its evils.
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