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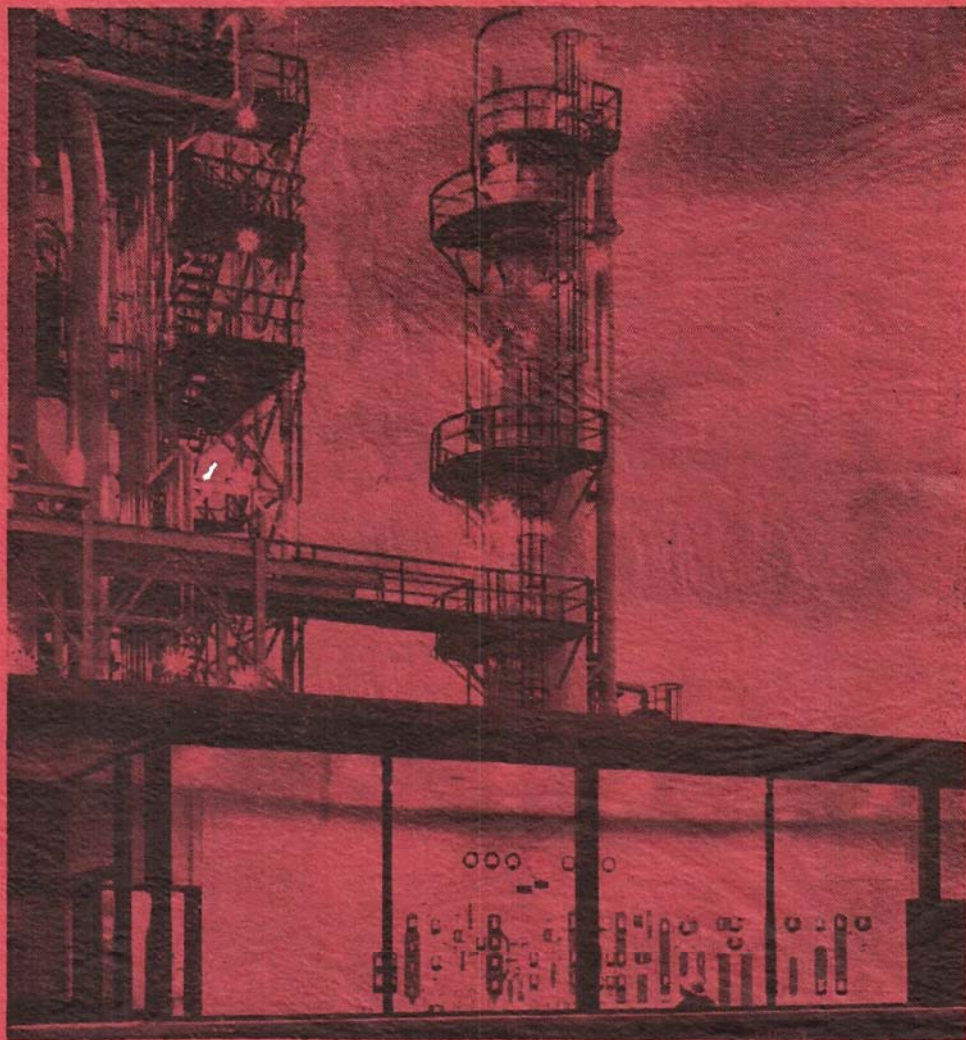
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SARNIA SECTION



Monthly Bulletin



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SARNIA SECTION

has as its objective the advancement of the arts and sciences associated with the theory, design, and use of measuring and control instruments in the various industries in the Sarnia area.

The immediate benefits derived by the Sarnia members include a monthly meeting at which a qualified speaker discusses an instrument subject after which members fraternize with other instrument men and interchange ideas and news at a social hour, a subscription to the "I.S.A. JOURNAL", a subscription to the Sarnia Section "BULLETIN", access to all technical data, servicing techniques and standardization policies developed by the National Committees of the ISA and an annual school for mechanics and technicians.

As a member of the National body of the Instrument Society of America, a rapidly growing and influential technical society, the member partakes indirectly in the progress of instrumentation made possible by the work of the various National Committees.

Executive Officers for the 1955-56 season are:

Honorary President	F. A. BAIN Chief Refiner, Sun Oil Co. Ltd.
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Meetings are held on the fourth Monday of each month from September to May inclusive at 8.00 P.M. The meetings are held at the Sarnia Y.M.-Y.W.C.A. unless otherwise announced.

Anyone earning his livelihood through the manufacture or use of instruments and who is acceptable to the executive body may become a member of the Sarnia Section, I.S.A. Dues are \$12.00 per annum. Associate Members are those who are associated with instruments but who do not earn their livelihood directly from them, such as stationary engineers, process operators, etc. Their dues are \$7.50 per annum.

Correspondence relating to the general activities of the Sarnia Section should be addressed to the Secretary, Mr. Ron Asselstine, 891 Burr Street, Sarnia, Ont. Dues should be made payable to the Sarnia Section, Instrument Society of America and sent to the Treasurer, Mr. R. J. Rose, 675 Woodhaven, Sarnia, Ont.

Correspondence concerning programs should be sent to the Program Chairman, Mr. J. Heatley, 240 Kathleen Ave., Sarnia, Ont.

Copy for "THE BULLETIN" should be sent to the Managing Editor, Mr. H. Hobbs, 122 Cameron Street, Sarnia, Ontario.

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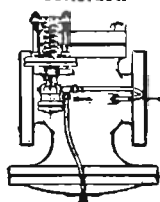
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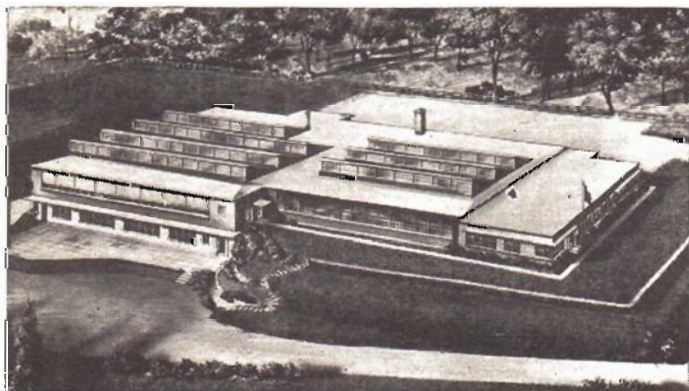
M/40 Recording Controller

PROCESS MEASUREMENT AND CONTROL

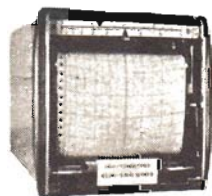
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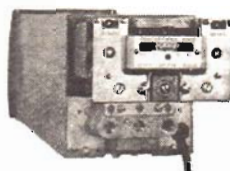
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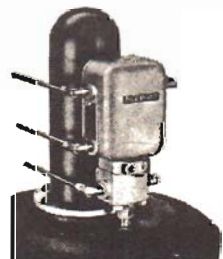
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The "BULLETIN"

VOLUME 5 No. 4

DECEMBER 1955

Managing Editor: H. Hobbs

Illustrator: N. Knowles

"Written on a Roll Chart": H. Hobbs

Polymer Reporter: Ed. Brown

I. O. L. Reporter: Joe Woodcock

Canadian Oil Reporter: T. J. McLean

Dow Reporter: Tom Scarsbrook

EDITORIAL

Once more, December, and while there is no formal meeting to announce this month, our duty to our Advertisers and the urge to get into print, prompts us to get this issue out.

Larry Hall's article expresses a sentiment I am in hearty agreement with. Too many people in this world are looking for someone else to give them a boost instead of putting their own shoulders into it.

The tour of Imperial Oil was certainly enjoyed by one and all. It is well worthwhile to have a look at the neighbours once in a while. A certain amount of envy was aroused, however by the Taj Mahal type of gentlemen's rooms which contrast so strongly with our own rather ordinary and austere surroundings.

I was led to hope, by rumour at a recent executive meeting, that we might get to find out how Fred Huber brews at 2000 degrees °F. in open kettles. How about it executive?

Neville Knowles has contributed to us once more, I am pleased to say. People often ask me how he can possibly get new ideas each month, and I must admit to them that I do not know. It is just possible that his cartoons **seem** humorous because people think he's kidding, but they contain so much truth that I'm sometimes afraid that his meaning is serious. The best thing is to do as I do, relax and enjoy them.

—H. Hobbs

THE PRESIDENT'S CORNER

An editorial by Mr. Earl S. Bush, which appeared in the December, 1955, issue of the Chicago "Events" interested the writer very much and I here quote it in full as being of particular interest to members of the Sarnia Section.

Another Job For I. S. A.

To develop a higher prestige position in industry for the instrument technician should be one of the major goals for I.S.A.

Continually more and more industries are turning to modern instrumentation to help them to economically meet an ever increasing demand for their products, and to meet higher standards of quality and precision than was ever dreamed possible just a few short years ago. It would appear logical that industry would recognize that their ability to compete against these new standards, depends to a great extent on the skill, efficiency, and ingenuity of the instrument technicians in their respective plants.

Many companies appear to take a seemingly short sighted attitude toward their instrument departments; they seem to consider the instrument department just a necessary evil whose cost of operating should be kept to a minimum. They frequently fail to see that often they are holding back their own progress, because highly trained technical men soon leave or are never attracted due to the lack of proper compensation and recognition. The men in a properly trained instrument department probably have a better overall idea of the complete operation of their plant than any other one department and are actually often called on to get various

other departments out of operating difficulties. When industry realizes this and gives their instrument department its proper prestige and position, then and only then will industry be able to reap the maximum benefits of modern instrumentation.

All too often the benefits of instrumentation are lost because an undersized, improperly trained instrument department, without adequate facilities, cannot find time or manpower to engineer and properly maintain the instrumentation needed. Many plants hesitate to invest money in the training of their instrument people for fear they will leave for better jobs as soon as their training is complete. The simple way to protect this investment is to elevate the position of the instrument department in their plant so that there is no better job. This will also automatically attract a still higher calibre of men to this field.

The I.S.A. has been doing a good job in increasing the opportunities for instrument education. Now let's help industry get the maximum benefit from instrumentation, by showing management the benefits they can derive from raising the prestige and compensation of instrumentation engineers and technicians.

I think this editorial expresses admirably the opinion of the average instrument man about his relation to his employer. Few indeed are the Instrument Departments which are given the recognition and prestige of which Mr. Bush writes.

However, Mr. Bush merely poses the problem without suggesting a solution. It is all very well to suggest that the I. S. A. should bring about this millenium—but, how?

Some may say by sending company executives copies of "The Journal" or the local section publication. But, the writer has found by sad experience, that company executives rarely, if ever, read such publications, even if they are left on top of the pile of trade publications which flood the average executive office. Usually, the executive's secretary despatches such material to the Instrument Department "where it belongs". Even if the I. S. A. were to run full page advertisements in newspapers throughout the country extolling the virtues of the instrument man, it is by no means certain that (1) management would read it (2) or, if management did read it, that he would agree with it and call in his Instrument Department Heads the next morning and say "Look here, old chap, I fear I have not been treating you right. How would you like a 50% raise and be made a vice-president?"

No, it is difficult to see how such a change in management's opinion of the instrument man can be made from the outside.

The writer feels the only way is from the inside; it is up to each instrument man for himself and for each instrument section to gradually bring about this improvement. How to do this? Well—I suggest the following;

1. Take on all the responsibilities you can find. It doesn't matter whether it's strictly instruments, or not. Be ready to accept—and even request—responsibilities which surround the nucleus of instrumentation such as changes in process piping which will make instrumentation easier or better or suggest new methods of obtaining process data to help the research

department improve plant operations and follow through by designing building and installing such new equipment.

2. Learn the process as well as the operator. An instrument man who doesn't know his process well isn't an instrument man at all. Be able to suggest sources of trouble in a process after you have proved it isn't instrument trouble. Most instrument men do this superficially—such as finding a control station by-passed or a pump losing suction, but only a few can spot poor temperature gradients across fractionating columns, or poor efficiency in heat exchangers or to know the piping so well that they can deduce that a block valve is leaking through and doing impossible things to the process. These are the things which cause management to sit up and take notice that their "instrument men" are all around trouble shooters and pleasant to have around.

3. Train all your instrument men to go around looking for trouble—not wait for the operator to request something to be fixed. This applies first of all to control problems, but after these are cleared up, concentrate on leaks and faulty pressure gauges and those little things which may not be giving trouble at the time but can develop into something crucial if left.

4. Be a missionary for instruments. Never miss a chance to spread a little propaganda about the value of instruments, and with modesty, of instrument men. Try to get a member of management to your section meeting once a year or perhaps have a special dinner night when all members bring their bosses, and be sure to have a speaker who will make the tears roll down

the collective faces of management at the way they have overlooked the potential of their instrument men.

These are some suggestions. There may be others, but to be practical, you will probably admit that the only way to influence management to admit the value of instrument men is to work from the inside out—not the outside in.

What do you think?

Larry Hall

ODDS AND ENDS

By H. O. Kohlmeier

The big news from National Office is that the new Constitution and By-Laws were approved by the membership and became effective on November 11, 1955. Only 2078 ballots were cast, and of these 2055 voted for the change. It is most amazing that less than one quarter of the membership took the trouble to vote on such an important step.

President R. T. Sheen and the National Executive are hard at work organizing the many national committees and defining objectives.

On page 423 of the September issue of the ISA Journal is a list of ISA National Committees. President Sheen has issued a general invitation for members to serve on these committees. Anyone interested in this work is invited to look over the list and pick the one preferred. Then contact Larry Hall or myself and we will get the ball rolling.

As of October 31, the total membership in the ISA was 8136 with 999 on the inactive list. The 8136 number represents an increase of 517 for the preceding ten months. Sarnia section now has an active membership of 65, which is up 2 from December 31, 1954. We have 13 members with dues in arrears (as of October 31).

The ISA now has 80 sections, so the average membership is about 100 per section. Actual membership runs from 505 (Los Angeles) to 18 (Oglethorpe). So, we need 35 new members to meet the average age.

Would like to hand a bouquet to an unsung, hardworking member of our section named Ed. Brown. Ed has done a fine job of organizing and looking after all the details of arranging the meeting place at the Vendome. These details include blackboards, chalk, beer, projectors, notifying the press — just to mention a few. Good work, Ed!



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WRITTEN ON A ROLL CHART**Origin Of Ye Species**

When late, lamented, Darwin, Charles,
Investigated mankind's snarls,
And devious an-ces-ter-ee,
The smallest trifle lax was he.
His research although quite extensive,
Was full, but not quite com-pre-hensive.
He rolled back time with easy grace,
And found our poor bewildered race
Was one time resident in trees,
And climbed and swung with utmost ease.
Long ere great grand-pa-pa was born,
Long ere he saw his natal morn,
These ancestors of me and you,
Lived rather like the monkeys do.
Enough of this, no need to blush,
We're equally tarred with Darwin's brush,
For later on, Sir Charles found,
This group abandoned tree for ground,
But one small thing he did not find,
Sharp though his vision, keen his mind,
With all his care he did not see,
Which one dropped earliest from the tree.
For one there was, led all therest,
He knew ground living was the best,
He may have used some grunts for words,
But he knew the trees were for the birds,
He knew that better things were found
In rich abundance on the ground,
And only needed nerve and skill,
To bend all nature to his will.
And soon the awful shaggy bear
Fell victim to his cunning snare,
He caught the mammoth, and forsooth
Entrapped the fearsome sabretooth!
His tribe soon saw the light of day,
And lived the labor-saving way.
Gladly, they dug the gaping pit,
Both where and how **he** wanted it,
Knowing full well that ere the dawn,
There'd be fresh meat to feast upon.
And thus this man was first to find
That muscle means far less than mind,
For mighty creatures in a trice
Fell victim to his crude device.
(I'm sure you see my devious plan)
This chap the earliest Instrument man.

A Homo Sapiens sub-division,
That Darwin really failed to vision,
A group he actually failed to spy,
Missed by his penetrating eye.
And this small group, I'm please to say,
Endures unto this present day.
Through centuries they've stayed the route,
Often thinned but not wiped out,
Hated by all those, I fear,
Who loved the modes of yester-year,
Despised by all who love the way
That things were done just yesterday,
Yes, even now, live some of these,
Who'd have us climb, once more, the trees.
Driven by a mighty dread,
Of further changes just ahead.
Be calm, O ignorant and blind,
Have trust in man's inventive mind,
Swell not the toilers fearful scream,
When Watt displayed the power of steam.
You cannot hope to stem the flood,
And progress, usually, is good.
All hail! The earliest Instrument man,
Forefather of our widespread clan.
Could he return to earth to-day,
He'd raise his brows in a startled way
When he saw his clumsy traps and snares
Grown to **our** weird assorted wares,
With which we master greater brawn
Than his fierce charging mastadon.
I'm sure a smile would pass his lips
When he saw the strength at **our** finger-tips.
He'd know we followed his age-old rule
Of doing more through keeping cool,
Of keeping a keen enquiring mind,
And leaving the sweat for the lesser kind.
So follow this golden rule, sublime,
Hatched to the very dawn of time,
And we will never join with these,
Who backward look at the safe old trees.

—H. Hobbs.



DONT SCARE ME LIKE THAT PETE, FOR
A MINUTE I THOUGHT YOU WERE
JOLLY OLD ST. NICK SPYING TO
SEE IF I WAS A GOOD BOY



HOLD IT A MINUTE, A FEW COLORED
LIGHTS OK. BUT YOU GUYS ARE
CARRYING THIS XMAS SPIRIT
STUFF TOO FAR.

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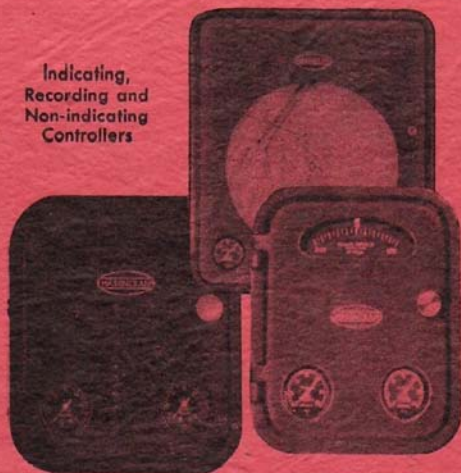
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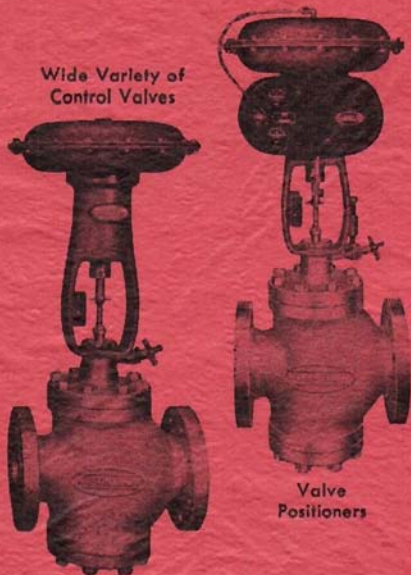
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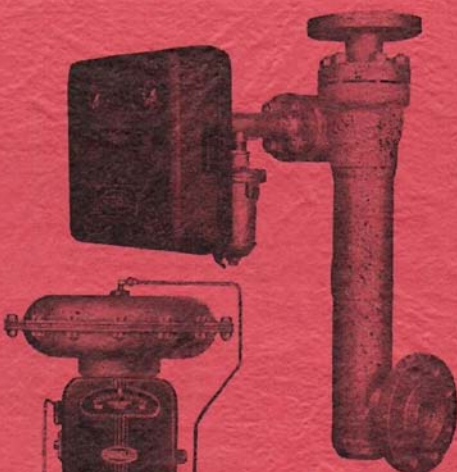


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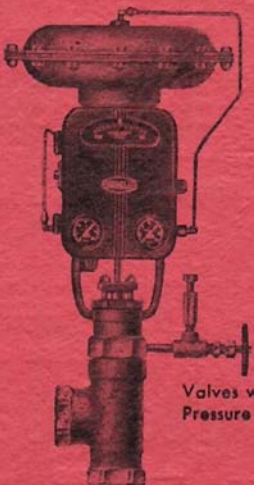


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