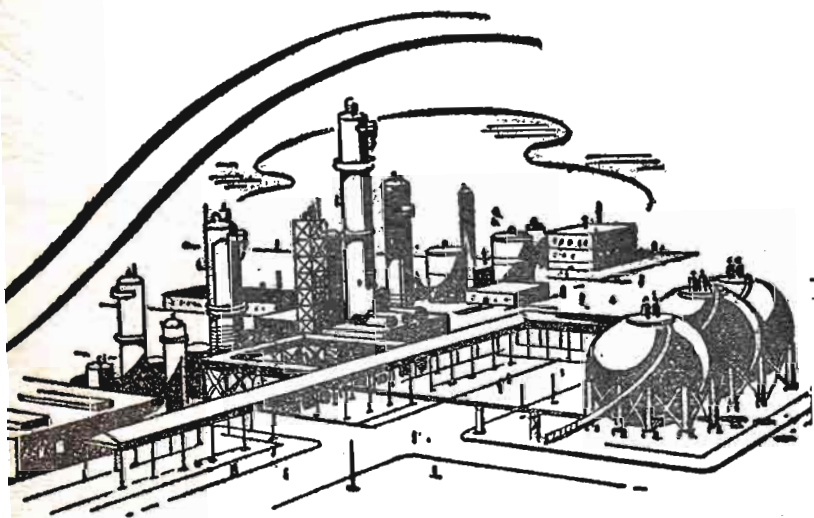


APR 56

# INSTRUMENT SOCIETY of AMERICA



## SARNIA SECTION



### Monthly Bulletin



# *The Instrument Society of America*

## **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 1954-55 season are:

Honorary President	H. R. HOLLAND, Tech. Supt. I. O. L.
President	JACK HEATLEY Imperial Oil Limited
Vice-President	LARRY HALL Sun Oil Co. Limited
Secretary	BOB BRAYNE Cabot Carbon of Canada Limited
Treasurer	RON ASSELSTINE Canadian Oil Refineries Ltd.

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. R. F. Brayne, R. R. No. 1, Mooretown, Ontario. Dues should be made payable to the Sarnia Section, Instrument Society of America and sent to the Treasurer, Mr. R. Asselstine, 891 Burr Street, Sarnia, Ontario.

Correspondence concerning programs should be sent to the Program Chairman, Mr. H. Kohlmeier, 352 Stuart Street, Sarnia, Ontario.

Copy for "THE BULLETIN" should be sent to the Managing Editor, Mr. L. J. Hall, 730 Talfourd Street, Sarnia, Ontario.

## COMPANY REPRESENTATIVES FOR 1954-55

Imperial Oil Limited	Joe Woodcock
Polymer Corporation	Tony Plazek
Canadian Oil Refineries	Fred Croft
Dow Chemical Company	Jack Almey
Sun Oil Co. Limited	Jack Warwick

## COMMITTEE CHAIRMEN FOR 1954-55

NATIONAL DIRECTOR	EMPLOYMENT	HOUSE
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PROGRAMS	MEMBERSHIP	PUBLICITY
H. Kohlmeier	Joe Woodcock	Larry Hall
EDUCATION	FILMS	SPECIAL EVENTS
Fred Croft	Len Carter	Warren McKay

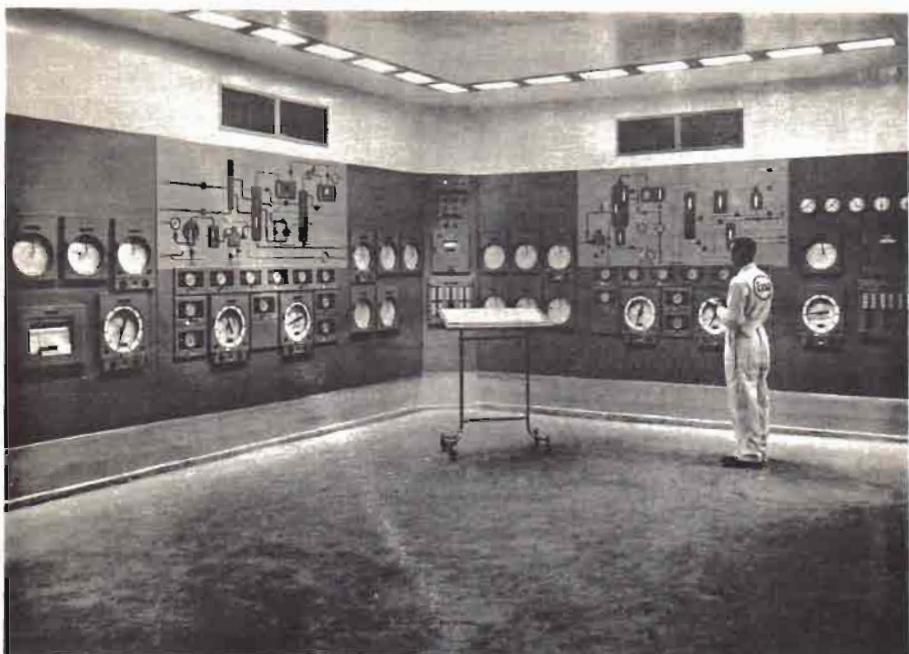
MANAGING EDITOR "BULLETIN"  
Larry Hall

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*Photo — Courtesy of Imperial Oil Limited*

## **Here's How Honeywell Customized Instrumentation Helps an Oil Refinery**

Honeywell Customized Instrumentation supplied this modern refinery with a "Nerve Centre", a centrally located ColorGrafic panel (illustrated) where oil processing operations are accurately portrayed and controlled

Maybe your production processes are not as complex as those of an oil refinery. But, whether simple or complex, whether your processing includes Ph, conductivity, flow, pressure, humidity, liquid-level, specific gravity, or any combination of these or other factors . . . Honeywell Customized Instrumentation will provide the exact records and controls you require.

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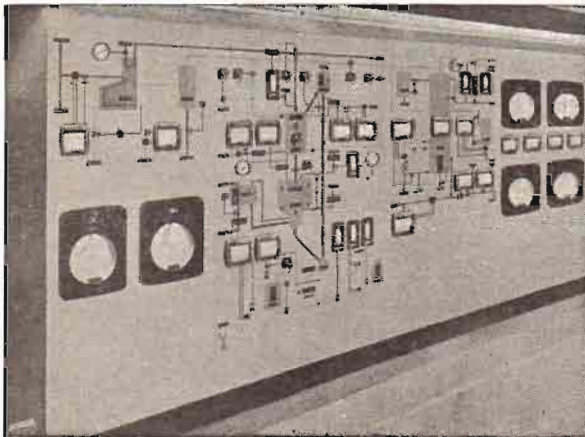


M/40 Recording Controller

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Complete process measurement and control instrumentation covering such variables as temperature, pressure, flow, liquid level, humidity, pH, conductivity, density, dew point, viscosity, force, speed, position, etc. etc. Instrument designs to suit conventional or graphic type panels — controllers for board or local mounting.

This complete line of Canadian made Foxboro instruments, combined with the wide application knowledge and engineering experience of Peacock Brothers Limited, guarantees the best instrumentation for almost any process.



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M/58 Consotrol Controller



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# The "BULLETIN"

VOLUME 4 No. 8

APRIL 1955

Managing Editor: Larry Hall

Illustrator: N. Knowles

"Written on a Roll Chart": H. Hobbs

Polymer Reporter: Tony Plazek

I.O.L. Reporter: Joe Woodcock

Canadian Oil Reporter: Fred Croft

Dow Reporter: John Almey

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## WHAT PRICE MEMBERSHIP?

Away out on the west coast of British Columbia across an inlet from the city of Vancouver is the community of loco in which is located a refinery of the Imperial Oil Company Limited. There, 2500 miles from Sarnia lives and works a member of the Sarnia Section, ISA, Vic Templeman. He is not the most distantly located member (we have one Sarnia member in England), but he is one of the most faithful members we have. Alone, unable to attend a meeting of any section of the ISA, he has renewed his membership year after year and each year he has written a letter to the Sarnia Section. Because his letter this year is typical of the reactions of many of the Sarnia Section members to the changes which have been going on in the National Organization, we are publishing his letter in full. We hope everyone will read it and think about it. Ed.

Mr. R. Asselstine, Treasurer,  
Sarnia Section, ISA.

Dear Sir:

Enclosed find a P. O. for twelve dollars. This is for my dues for the current year.

Do you know, the February issue of the SARNIA BULLETIN containing the President's Report on National Office (including the replies from National President, Warren H. Brand and Vice-president, W. H. Fortney to our Section letter, ED.)

arrived just in time to change my mind—at least for another year. I had almost decided to send in my resignation instead of my dues. If I were close enough to participate in Section activities, **you could not chase me out.** As it is, the future is open to question. I had hoped to get up enough interest to get a group started in this area (Greater Vancouver) but no soap.

The following is an attempted explanation. When I was first accepted as a member the dues were considerably less than now. The Instrument Magazine ("Instruments Magazine", ED.) was good. Every copy contained something of interest to all—Technical man or Mechanic. There were fairly frequent mailings, containing reprints of papers presented to meetings. etc. (We used to send out to all members a reprint of talks given at our section meetings. We dropped this—maybe we should revive it; ED.) Some people here were getting interested. I personally derived much assistance from these items.

Since that time, the Magazine ("Instruments Magazine," ED.) contents seemed to change to the point where some of us felt we could ill spare the time to read more than an occasional issue. The contents were interesting, but not of much help to those who were cramming to keep up with changes in their own field of instrument work. (I

speak for myself, my crew, and others to whom I have offered the Magazine in an effort to build up interest in the ISA.)

The mailings tapered off to zero. I don't blame you. It was a lot of work for a few. The dues went up. And the Magazine ("Instruments": ED.) was replaced by the Journal (The "ISA Journal": ED.) And we were asked to fork out additional fees for the Magazine. I did not, so far, for reasons shown above. The Journal is well put up, but I feel from a glance at most issues that it is subject to the same comments I have directed at the "Instruments Magazine", I can't get anyone to borrow it as often as they should. In all fairness, I must hasten to add, if we had lots of time for extra reading, the instrumentation in nuclear plants, aviation, etc. is fine, it fascinates me. But it doesn't sell any more local men on ISA. And now the National Organization wants to have initiation fees!

The one bright spot is our Section BULLETIN. More power to the staff. (Thanks, Vic. You know, you were responsible for starting the Section Bulletin? Four year ago, when I, as secretary, received your first letter, I was so impressed with the enthusiasm of a member who was alone and couldn't get to a meeting that I asked permission of the executive to write up an account of our local activities each month to send to out-of-town members of our Section so that they would feel they were getting a little more from the ISA. This was so popular that before the end of the year, the mailing list was extended to all members of Sarnia Section. It was just an extra duty of the secretary then, but it developed from a single mimeographed sheet into our present splendid printed-by-professionals 20 page magazine, and the

mailing list extended to include all other ISA Sections in North and South America as well as a number of people who wrote to be put on the mailing list and also to managers of industries employing our members. ED.)

I have one more point—personal. I have asked in previous correspondence, and had no reply to my question: What constitutes and, or who, qualifies as a grade "A" member? I pay the top dues, yet my card, etc. shows me as grade "B". I have had several people asking me about this, and cannot find the answer in my old literature. (The letter "b" after "class" on your membership card, Vic, refers only to the type of industry in which you work — not your individual classification. I can assure you that all members in the oil and chemical process industries have the same classification. ED)

Here is another thought—possibly us remote members are more of a nuisance than a benefit? We cannot do anything to help our section and it absorbs section energy to attend to us. Would you please be frank about this? Don't be afraid of hurting my feelings. (To answer this, Vic, let me tell you of just ONE result of our doing anything for a "remote" member. As you probably know, there is now a fourth Canadian Section of the ISA—Edmonton, Alberta.. This was started by Ivan A. Windsor, who was then a member of the Sarnia Section, and several other instrument men in Edmonton. We gave him encouragement and information to get started. No, we think every remote member can be the nucleus of a new section and for this reason alone deserves our attention. Besides this, a "remote" member who can't attend the meetings of the section must be really interested to pay the same dues as those who can and we feel

that such interest deserves our support in itself. ED.)

Please do not think I am sitting on the sidelines just finding fault. I know from my own past experience on other organizations that such is a common occurrence. And this is not my intention.

This is just a letter to you with my dues and an attempt to convey some of my reactions as a remote member who, so far, has been unable to enlist any fellow members, and for that reason, mainly, is not getting much out of ISA.

If this letter contains anything you consider worth passing on please do so. If not, please tear it up. However, I would appreciate an answer to these two points,—grade of membership (see above, ED.) and desirability to the section of a remote member. (You started our BULLETIN and another "remote" member started a new Section, Enough said! ED.)

But you don't get many letters like this and I don't expect to have

the ISA remodelled just for my benefit.

Sincerely,  
Vic Templeman,  
P. O. Box 12,  
loco, B.C.

(No, we don't get many letters like yours, Vic, but we wish we did. It is very encouraging to us to hear from you every year and we hope you retain your membership and keep up the good work, because, whether you realize it or not, you are doing good work for the ISA. I am going to pass this letter on to the National President, the National Secretary and the Chairman of the National Sections and Membership Committee to see if they can't give you some concrete help to get a new "Vancouver Section" started.

Albert Chard, Powell River, B.C. is not far from you is he? Maybe you two could get together? Anyway, you are a lot closer to Los Angeles, the site of next year's convention than we are. Maybe you will be able to get there? ED.)

## COMMENT

Another "remote" member of the Sarnia Section, (although now only an associate member of the Sarnia Section and a full member of the Montreal Section) has recently accepted a new position. DOUGLAS AYER has been appointed Instrument Engineer of the new 20,000 barrel Canadian Petrofina Refinery in Montreal East. I met Doug while working as Instrument Supervisor for Austin at Dow Chemical in 1952. He was then engineer i/c equipment and we collaborated on setting up an instrument stockroom. He was keenly interested in instruments, although he admitted he was pretty green at it. Shortly after-

wards, he joined the Sarnia Section and when he moved to Montreal to work on construction of the new Petrofina refinery in 1953, he transferred his membership to the Montreal Section, but retained an affiliated membership with the Sarnia Section. He has written us several times and we have followed his progress with interest. Finally, his interest in instruments and his ISA membership paid off and he was appointed Instrument Engineer for the new refinery. As I wrote him last week, "You will have to work harder than you ever did in your life, but you will find it really worth while. And stick with the ISA. It pays!.



TOM DAVIDSON has joined the Sun Oil instrument department leaving the instrument section of Catalytic Construction Company. Tom got his early instrument training with Polymer Corporation as did the other Sun men, RED HAWKES and LARRY HALL.

Plans are well advanced for the annual ISA dinner meeting. It is expected that it will be held at the K of C Annex and a turkey dinner will be served by the Ladies' Auxiliary (—boy! you know what these church dinners are like! No one ever goes hungry!) And the tickets are expected to be priced lower also —about \$2.00, with non-members paying \$2.50. Ticket sales will be limited to 100 though, so get yours early. The date is set tentatively for Friday, May 27th.

Reservations for advertising space for next season's BULLETIN are rolling in to the new advertising manager, JACK HEATLEY. If your

company want its ad. renewed, better reserve your space soon, because the amount of space is limited. Cost will be the same as this year's \$100 for a full page for nine consecutive issues. Contact J. P. HEATLEY, 240 Kathleen Ave., Sarnia, Ontario.

At the last executive meeting HOWARD HOBBS was appointed new Managing Editor for the BULLETIN for next year. Howard will take over his duties in May when the new executive is installed.

The April meeting will be held at the Colonial Hotel in the Terrace Room instead of the "Y". The executive has noticed that we always get a good crowd when we have our meeting in a hotel for some strange reason, so we are going to try it as an experiment for the April meeting. If we get a good attendance, we may arrange to hold all our meetings there next year.

### NOMINATING COMMITTEE REPORT

At the March meeting at the "Y", the Nominating Committee reported its slate of officers for 1955-56 as follows:

President—LARRY HALL, Sun Oil  
 Vice-President — HAROLD KOHLMEIER, Polymer  
 Secretary—RON ASSELSTINE, Canadian Oil  
 Treasurer — DICK ROSE, Catalytic Construction.

No further nominations from the floor were made, but there is still time to get a nomination in if you missed the March meeting. The elections will take place at the April meeting and the new officers installed in May. Company representatives from Polymer, Imperial Oil, Dow Chemical, Canadian Oil and Sun-Catalytic should also be chosen by each of the company groups and named at the April meeting.

# MEETING NOTICE

DATE: MONDAY, APRIL 25, 1955

PLACE: COLONIAL HOTEL, (Terrace Room)  
(Please note change of place)

TIME: 8.00 P.M.

SPEAKER: **MR. J. E. CASEY,**  
**Service Manager,**  
**Leeds & Northrup Company,**  
**Detroit**

SUBJECT: **"APPLICATION, TROUBLE SHOOTING AND  
MAINTENANCE OF THE pH, ELECTROLYTIC  
CONDUCTIVITY AND REDOX DEVICES"**

VISITORS WELCOME — REFRESHMENTS

---

## WRITTEN ON A ROLL CHART

## INHALE!

Reports from a local plant indicate that a new method of detecting leaks in a vacuum line has been found. Skunk oil is introduced into the pipe under test and engineers with keen olfactory sense sniff every inch until the leaks are found. Hail to the bloodhounds of industry!

Gather now, ye motley crew,  
Here's an urgent task for you!  
Rub no more your bleary eyes,  
Be at once alert and wise.  
Sharpen now, each nerve and sinew,  
Give us all that drive that's in you,  
Meet this thing with verve and vigour,  
(Opposed, but rhyming well, to  
(rigror.)

Neither tremble, nor be nervous,  
All we need is faithful service.  
Hearken to the call of duty,  
Here's a job that **is** a beauty,  
Worthy of your polished skill,  
Let's approach it with a will,  
With a fiery elation,  
Meet it's fatal fascination.  
You are wondering, of course,  
Why we need so great a force?  
Why we need so large a group?  
More like regiment than troop.  
Look about you carefully,  
At this milling human sea.  
Months ago we fully knew,  
One quality in each of you.  
One quality you all possess,  
May bring the plant much happiness.  
Nay, soften now that stern rebuke,  
Your neighbour Serf, and you a Duke,

And you should never, never be  
Herded in with such as he.  
Let this be known, and known full  
well,  
We have your Cards at Personnel,  
And you, and he, and all the rest,  
Have passed a certain **secret** test.  
And this I must, in honour, say  
Makes you our all-in-all today.  
To meet this challenge may seem  
odd,  
But fail us, and we've shot our wad.  
Research is your goal today  
Like prolific Thomas A.  
What? A question from the crowd?  
(I'm not too sure 'twill be allowed.)  
No: You weren't hired for knife-  
like creases,  
Nor for your scholarly final thesis,  
Nor you for your almost natural  
wave,  
Nor you for the references you gave,  
(We checked the names, I may just  
say.  
They've either died or moved away.)  
Now what is this test they gave to  
you?  
I'll tell the story fast and true,  
During construction, or even before,  
We buried a rat 'neath the office  
floor,  
We buried him deep and far away  
But he still emits on a rainy day  
He still emits a faint faint hint  
Not like oil of peppermint,  
Not like oil of wintergreen,  
Nor any oil that's ever been.  
And office girls work well content  
Wreathed, as they are, in costly  
scent  
And carry on in a fragrant dream

With more than a dash of "Nuits  
Hareem".

When each of you was interviewed  
You sniffed, and muttered some-  
thing rude

You sniffed and muttered some-  
thing hard

And this was entered on your card.

Your noses got you hired here,  
Not your brain, nor brand of beer,  
Not your looks, nor curling lashes,  
Not your bristling fierce mous-  
taches.

You owe it to your splendid snout.  
Those who smelled no rat are out!  
So now that we are all to-gedder,  
Onward to the VACUUM HEADER,  
Where it's leaking we don't know

You must sniff it high and low  
And so you'll finish by afternoon  
We've pressured it with a foul foul  
fume.

O vile gas that really reeks  
Apple pie for eager beaks.

So should you see your comrade fall,  
Roll him over to the wall,

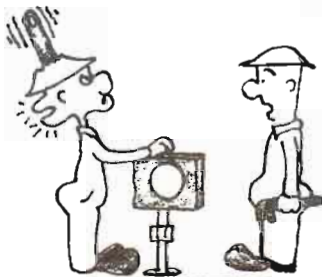
And should he be too weak to talk  
Mark the place with yellow chalk

And we will mend it later on,  
When you, and all the smells are  
gone.

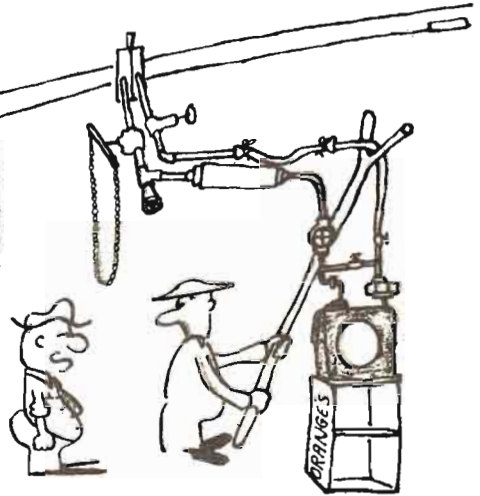
And lest the cost disturbs your  
sleep

How else can we analyze gas so  
cheap?

H. Hobbs



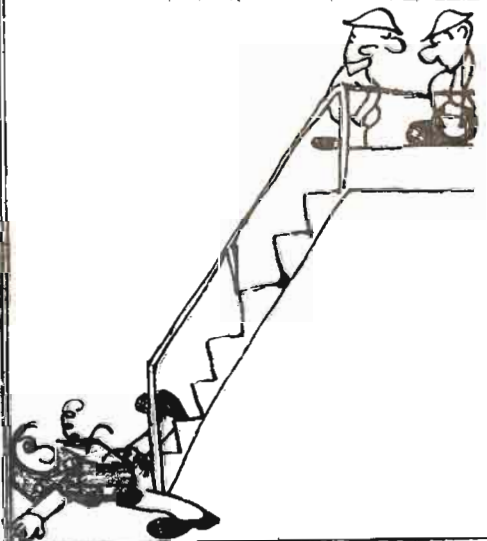
DID YOU MEN SEE  
WHERE THAT 18" WRENCH  
WENT THAT I DROPPED?



I THINK YOUR TAKING THIS  
TEMPORARY INSTALLATION  
A LITTLE TOO LITERALLY  
JONES



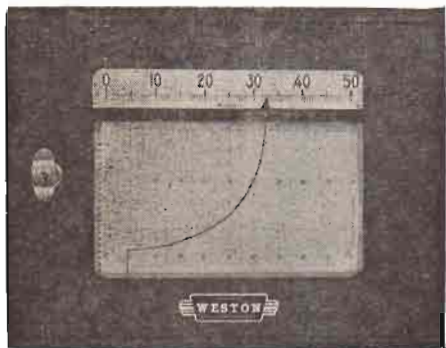
THERE — I GUESS THAT  
SETTLES THE QUESTION  
AS TO WHICH IS THE  
HIGH VOLTAGE LINE



HES RIGHT ONE MAN  
CAN TAKE AN INSTRUMENT  
ALL THE WAY DOWN THE  
STAIRS BY HIMSELF

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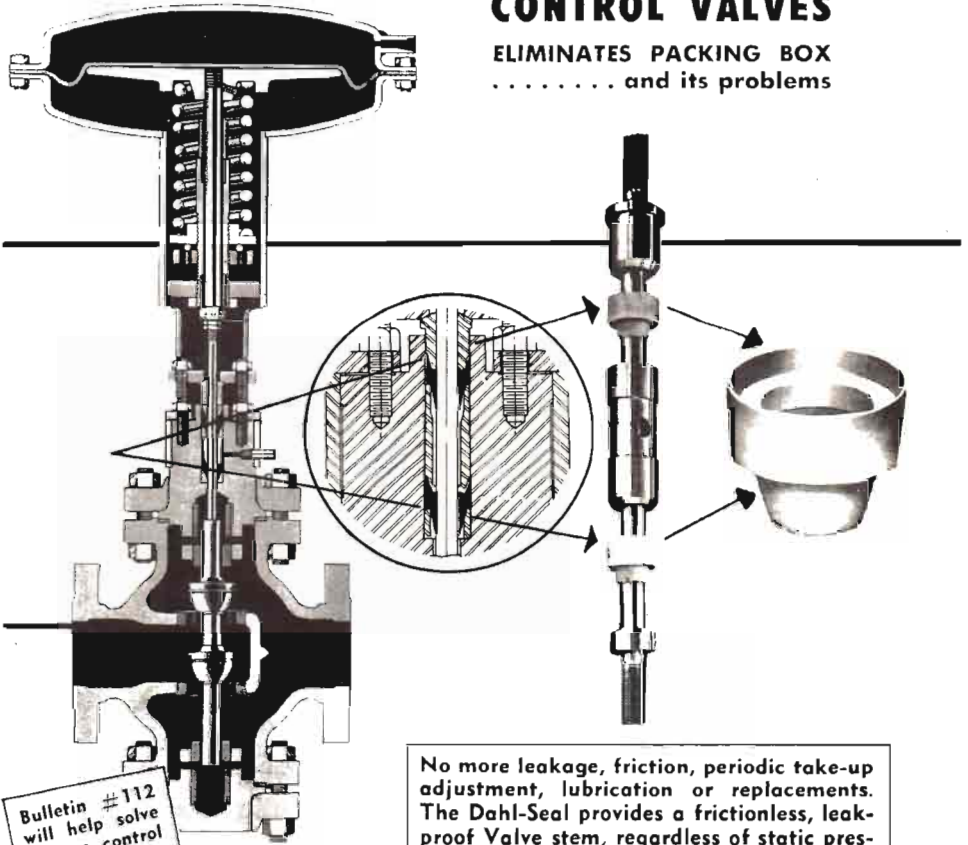
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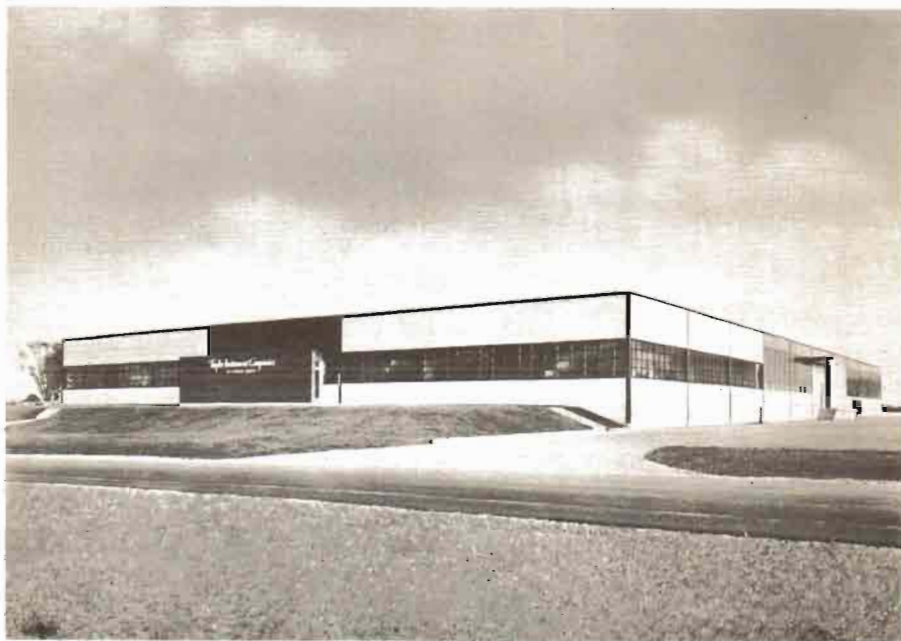
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—Dehumidifiers

**MANNING, MAXWELL & MOORE,  
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Systems

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