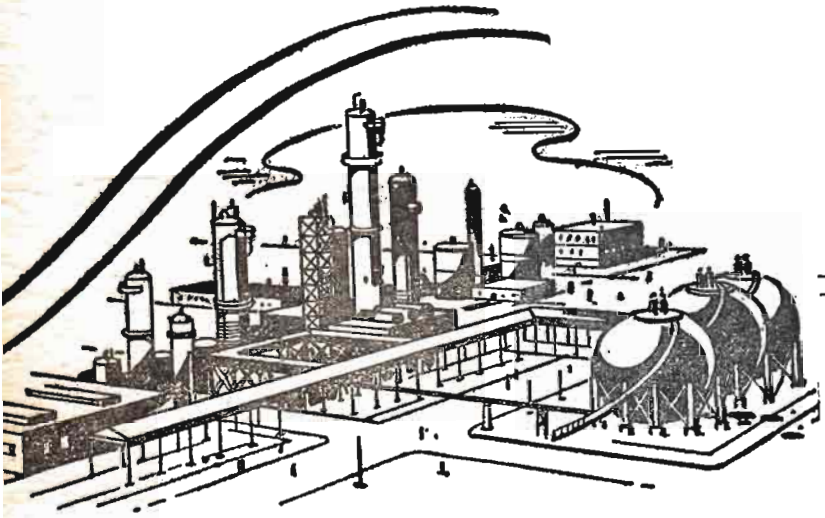


MAY 55

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 ASSELSSTINE 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 |
| J. W. Graeb | Larry Hall | Tony Plazek |
| PROGRAMS | MEMBERSHIP | PUBLICITY |
| H. Kohlmeier | Joe Woodcock | Larry Hall |
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MANAGING EDITOR "BULLETIN"
Larry Hall

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Photo — Courtesy of Imperial Oil Limited

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

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The net result adds up to lower cost operation . . . through more efficient use of men and machines, an important step toward practical realization of the automatic factory.

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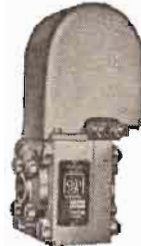
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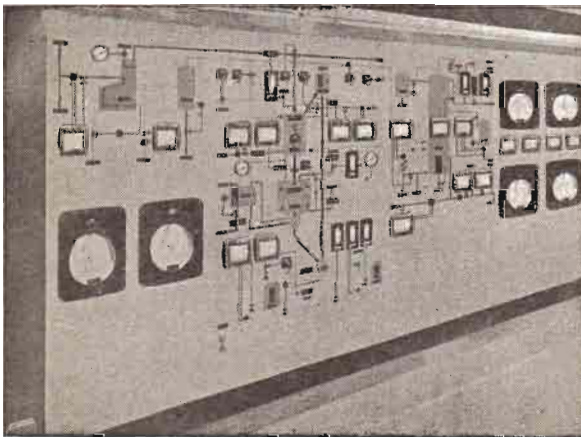


M/40 Recording Controller

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M/53 Consotrol Recording Station



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M/59 Consotrol Valve Mounted Controller



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The "BULLETIN"

VOLUME 4 No. 9

MAY 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

THE PRESIDENT REPLIES

Last month, a letter from Vic Templeman, a member of the Sarnia Section in British Columbia, was printed in these columns. Since the questions he raised were typical of those often asked us by local members, his letter was printed in full and a copy sent to the President of the ISA, Mr. Warren H. Brand. Mr. Brand wrote a reply to Vic and sent a copy to your editor. Since his comments are of such general interest, and since they might stir up some thinking among our members so that they will ask some intelligent questions of the vice-president, Ed Baran, when he comes to Sarnia to speak to us at our annual dinner this month, we decided to print Mr. Brand's letter in full. Here it is:

2100 Arch Street,
Philadelphia 3, Pa.
April 29, 1955.

Mr. Vic Templeman
P.O. Box 12,
loco, British Columbia

Dear Vic:

I have just received my April copy of the Sarnia Bulletin and was very interested in your letter to the treasurer. You are to be congratulated on your continued interest and activity in the Society. The editor said that he was going to pass your letter along to me and by copy of this letter I will indicate to Larry that I have read it.

I hope that some of my comments in the February issue helped to make you decide to continue with the Society. I would have been very distressed to hear of your resignation. In my humble opinion we are now on the road to a new level, never attained in the past. With the help of Charlie Covey and Bill Kushnick the Journal will continue to improve and in the near future will more nearly be the publication you would like it to be. Members like yourself can do a great deal in contributing technical items.

The September show will be the second largest exhibit from the standpoint of space sales in the history of the Society. All indoor space is sold and we are in the process of providing space under canvass. I feel sure that the conference will be just as successful.

The National Office is undergoing quite a few streamlining operations to improve efficiency. Inventories of printed material are being reduced and accuracy in membership records is being improved.

Bill Kushnick is visiting as many sections as humanly possible and to date I have visited over ten. The sections we have visited seem pleased with the program and progress we have outlined.

The Scientific Apparatus Makers Association invited Bill Kushnick and me to attend their annual meet-

ing to be present at their Board of Directors and general meetings April 24-27. We were treated very cordially and believe that we now have complete cooperation with this group benefiting the Society through educational programs, standardization programs, providing speakers on all levels, and general social activities. This association expressed high regard for the objectives and program of the Society.

To repeat, I feel that the Society has a wonderful and prosperous future ahead with fuller recognition in store.

If I analyze it correctly, Vic The "b" on your membership card indicates that you have received a binder. The "M" shows your membership class. Note the membership card I enclose. In the event that Sarnia has any doubt about your membership in that section I would be extremely happy to endorse you as a member of my section. I really don't feel that they will let you go. (We agree. Ed.)

While I am writing this Ed. Graham has noticed the address and reminds me that you and he worked

together in Edmonton installing Rotomotor operators on "U" bend and stack valves at Imperial Oil. He sends his regards and wants to be remembered to you.

I hope you can attend our California meeting. If you do, please look me up.

Cordially,

Warren H. Brand, President

The Instrument Society of America
In a subscript to the editor, Mr. Brand said:

The Bulletin is a fine publication. I hope I can continue receiving it. It is real service to your members and a great source of feedback to me.

Ed Baran has just told me he will be able to be with you on May 27. I was previously scheduled to be in Cumberland, Maryland on May 25 and am sorry I cannot make the date with you. Ed. will give you just as good a report as I would provide. (No doubt he will and we in the Sarnia Section expect that he will have a good report to take back to you about the feeling of our section on various National Executive matters. ED.)

EXECUTIVES FOR 1955-56

The Executive Council for the Sarnia Section, ISA, for the season 1955-1956 will be as follows:

OFFICERS

President—Larry Hall, Sun Oil
Vice Pres.—Harold Kohlmeier, Polymer Corp.
Secretary—Ron Asselstine, Canadian Oil
Treasurer—Dick Rose, Catalytic Const.

COMPANY REPRESENTATIVES

Imperial Oil—Joe Woodcock
Sun Oil—Tom Davidson
Polymer—Ed. Brown

Can. Oil—Tom MacLean

Dow Chemical—To be elected

The Honourary President, Program Chairman and committee will be appointed at the first meeting of the new executive in June HOWARD HOBBS will take over the job of Managing Editor of the BULLETIN from LARRY HALL in June and JACK HEATLEY, our past president will assume the duties of Advertising Manager immediately. The new executive will take office at the annual meeting.

THE ANNUAL MEETING

The Annual Dinner Meeting will be held at the K. of C. Annex at 193 Queen Street, (corner Queen & Talfourd Streets) on Friday, May 27 at 7 p.m. with the bar opening at 6 p.m. (Both times are, for people from out-of-town, Eastern Daylight Saving Time, so, if you are on standard time, get here an hour earlier.)

Admission to the dinner is \$2.00 for members and \$2.50 for non-members. To ensure that everyone is treated fairly on this score, please note that the standard definition of a "member" in the ISA is one who is not over one year's arrears in dues. So, if you paid your dues last on or after May 27, 1953, you are considered a "member" for this purpose. If you paid your dues last before that date, you are classed as a non-member and must pay \$2.50 for your ticket.

Tickets are obtainable from any member of this year's executive council including company representatives. (See pages 3 and 4 of the BULLETIN). Please state your preference — fish or turkey to the person who sells you the ticket so the caterers will know about how much to prepare.

Our speaker will be none other than ED. BARAN, the First Vice-president of the Instrument Society of America. His subject will be "THE VALUE OF MEMBERSHIP IN THE ISA". This has been a rather contentious subject in the Sarnia Section in the past two years and we have lost a large number of

members because they thought they were not getting their money's worth out of the ISA. We hope that these ex-members will be sure to be at this meeting and be prepared to ask Mr. Baran questions about their particular gripes because we think the ISA is definitely on the upturn. (See the letter from the President in this issue). It may be they thought they were not getting their money's worth two years ago but would change their minds if they knew of the improvements both pending and contemplated.

Of course, the Sarnia Section is unique, we believe, in having such a large percentage (about 80%) of its members instrument technicians and mechanics with just a sprinkling of salesmen and engineers. Other section seem to be the other way around, and whether it is true or not, mechanics generally think that engineers and salesmen get far more out of the ISA than they do, and what is more, can better afford the twelve dollar membership. A great many mechanics believe that the instrument men should have better recognition of his semi-professional job from their employers and that the ISA should do something about it. There is a vast—as yet untapped—pool of instrument people in this category who should be members of the ISA and are not because of this feeling. It is my own belief that if the ISA could do something about recognition of the instrument

mechanic as being something better than a pipefitter or a millwright that the membership of the ISA could be doubled within one year. This is one of the questions that Mr.

Baran will be asked. There will be others, so think about your problems in this respect and then come out to the meeting and ask the questions you want answers to.

ABOUT ED. BARAN

ED. BARAN, our speaker and discussion chairman for our annual meeting, was born in Cleveland in 1918—that makes him 37 years old for you slip-stick people. At present, he is married and has three children and lives in Euclid, Ohio. He is a graduate engineer and spent the first five years of his career in instruments with the Bailey Meter Company as a field serviceman. He then went to the Standard Oil Company of Ohio as an Instrument Man Helper (sic—do they do that to engineers in the States?) In three years, he rose to Instrument Dept. Foreman (which is meteoric) and in 1953 he was made Co-Ordinator of the Mechanical Dept.

Ed. has always been intensely interested in the ISA and held every executive position in the Cleveland Section including the presidency.

After that, in 1952-54, he was National Delegate. He was on the Host Committee and Chairman of the Industries Day Committee of the 1952 Conference and Exhibit.

He served two terms on the Nominating Committee of the ISA and on the Board of Review for the Recommended Practices, R.P.I. 4 and R.P.I. 5. He has attended every exhibit except the Chicago 1953 one since 1946. His present job in the ISA is First Vice-president.

We don't exactly envy his job of trying to answer the varied and sincere, but perhaps biased questions that will be thrown at him at our meeting, but from his experience, especially as an Instrument Man's Helper, a job with which most of us are familiar, we think he will make a good showing.

Annual Meeting Notice

- DATE: Friday, May 27, 1955
- PLACE: K. of C. Annex, 193 Queen Street, Sarnia
- TIME: Dinner begins at 7 p.m. Daylight Saving Time
Bar will open at 6 p.m.
- SPEAKER: **MR. ED. BARAN, First Vice-President
The Instrument Society of America
Euclid, Ohio.**
- SUBJECT: **"THE VALUE OF MEMBERSHIP IN THE ISA"**
- TICKETS: \$2.00 for Member — \$2.50 for Non-members
(See definition of "member" elsewhere in this issue)
- MENU: Turkey or Fish — Please state your preference when buying your ticket

GET YOUR TICKETS FROM ANY EXECUTIVE MEMBER OR YOUR COMPANY REPRESENTATIVE — LIMITED TO 100 TICKETS

WRITTEN ON A ROLL CHART**A TOUR OF A PROCESS UNIT WHEN START UP TROUBLES ARE OVER**

Now let us wander slowly, hand-in-hand,
Along familiar, oil-bespattered trails
Past yonder towering still, which springing high
Doth dwarf us with its sheer immensity.
And here, below, its smaller sattelites,
Do cluster in a grimy servile group.
Each pump, compressor, furnace evermore
Performing with a touching faithfulness.
And all combining to the common good.
Production soars! And several times to date,
We've had to use a bigger orifice plate.

Now 'twas not ever thus. In days of yore,
When first I trod this memory-ridden lea,
One of a youthful group, my springing step
Made nothing of the heights. My carefree laugh,
Quite frequently did make the welkin ring.
And now myself, and those who served with me
Are all a race apart. Distinguished by
A hang-dog, ashen, twitching countenance.
A shuffling step, our scant and thinning locks
Well-shot with silver threads. With fev'rish glance
We start at every unaccustomed noise,
Our features wreathed in self-inflicted guilt
Our minds revolving at a lightning gait,
Seeking a way to dodge complicity.
Consider well the blower, crouching here
Amid this maze of pond'rous graceful pipe.
Its giant breath doth make the carbon soar.
Its banshee wail quite ably dominates
Our ill-assorted raucous symphony.
And should it for a moment hesitate,
Or for an instant should it flag or fail,
Then all is lost, the process instantly
Doth topple like a house of playing-cards,
And tears nor imprecations help it not
And vilest curses are to no avail.
This blower then, the soul of all we see,
In earlier times did very often stop,
And millwrights clung and clustered all about,
And strewd its vitals o'er the countryside.
And experts came from far Afghanistan,
Who clicked their tongues and baffled slunk away.

And further still hark to the furnace-roar.
Its massive flame a steady azure-blue,
Where once a scene of desolation reigned
Akin to Hiroshima's central square
Upon the Atom-burst. Little remains

To tell a stranger that this four-square mass
 Was once a twisted wreckage. Who recalls
 The myriad mad-cap dashes, torch in hand,
 To kindle flames that might be better out.
 While roaring steam hose weilded with a will
 Battled in vain the fuel-gas' icy chill.
 And furnaces would cough and retch and gasp
 While propane frothed and bubbled on the floor.
 And fire-eyes gamely playing hunt and wink,
 Would shut if off, (not knowing what to think).

Here in the concrete, faintest scars appear
 Where stood ignoble vessels long since gone,
 Gone to the graveyard, and no tear was shed,
 No eye grew misty as they moved along,
 No caps were lifted, and no prayers said
 No sorrow murmured by the cheering throng
 Assembled by the way. For all too well
 Remembered were the times, beyond all ken,
 When this obnoxious long-departed pair,
 (Though dedicated to economy.)
 Would turn good hydrocarbons into coke
 Which seems of little value. They would plug
 In just the briefest hour. These maddening things
 Were well festooned with many a shut-down switch,
 Which tripped if someone slammed a distant door.

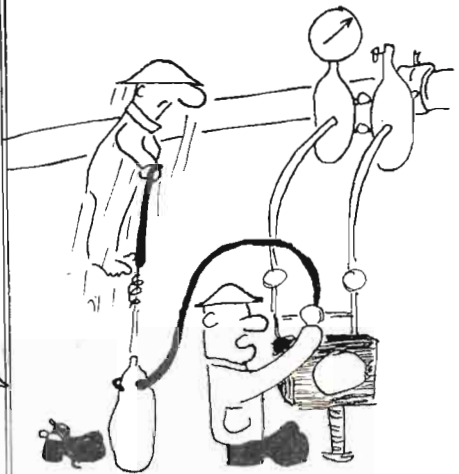
And this strange shape that stands beside the way
 Its nose directed at the very sky
 And seeming poised upon concentric rings
 Like Video's interplanetary craft.
 Nay,, this is just a furnace, who would know?
 So lavish do the instrument abound.
 Attendant blowers drive its fiery breath
 To sundry vessels hanging high above
 Like tumours clinging to the stately pine.
 These writhe and glow and swell with cherry heat
 And to a nervous watcher seem to beat.
 Now all is well as long as furnace goes,
 But if they cool too quickly then, who knows?
 Indeed, this wrinkled brow and grizzled mop,
 Came on me when it did decide to stop.

And now let us begone away from here
 For memories repugnant throng the way
 And waking nightmares dog my every step
 And absence brings an everlasting cheer.
 We scarce have touched upon this fearsome place
 My sweat and tear-stains lard the very ground.
 So let us leave these scenes of long-past strife
 Before the erstwhile phantoms come to life.

—H. Hobbs.



ITS A LUCKY THING YOU HAD THAT SAFETY HAT ON WHEN THAT VALUE DROPPED ON YOU.



I HOPE YOU REMEMBERED TO VENT THE POTS. CAUSE THERE'S A LOT OF PRESSURE IN THAT LINE



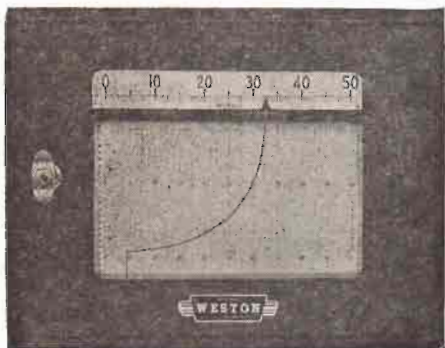
THE BOSS SAID I WAS NONCO-OPERATIVE, IRRATIONAL, INCOMPETENT, AND INDIFFERENT. I WISH HE'D STOP PRAISING ME, AND TELL ME THE TRUTH.



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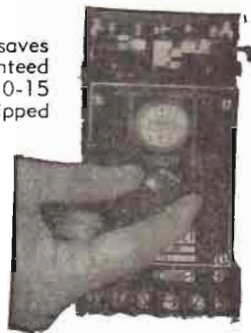
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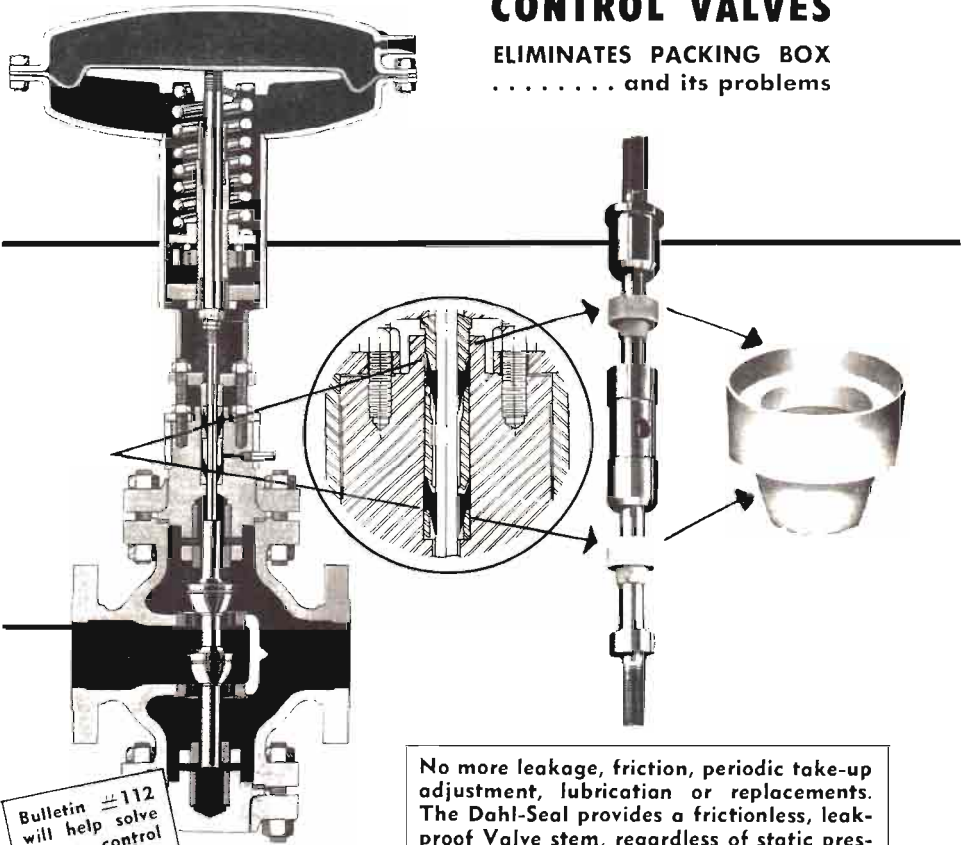
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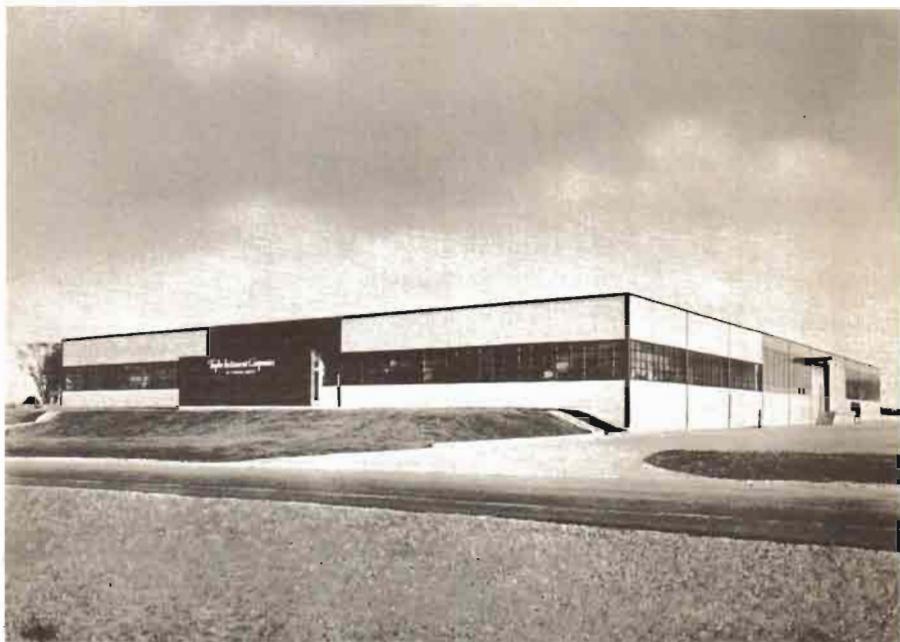
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