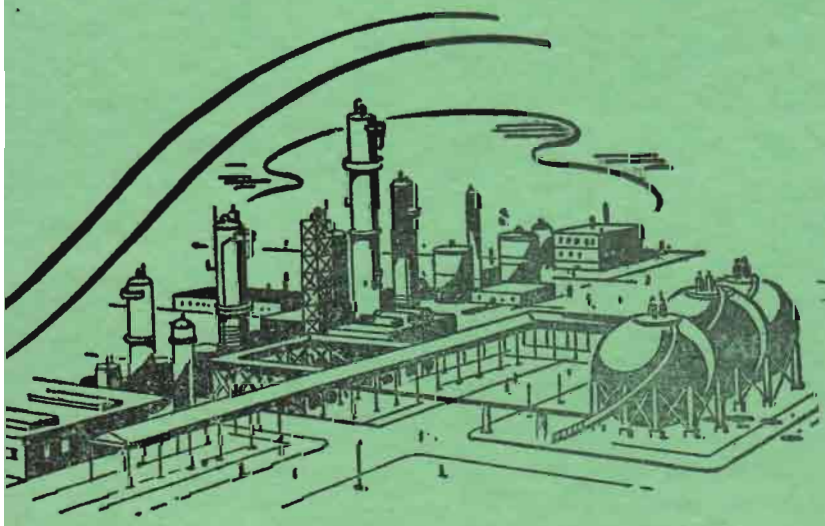


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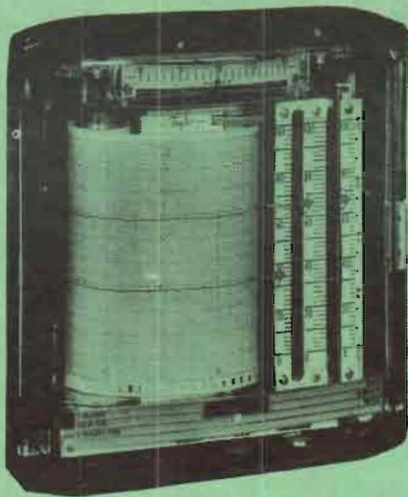


SARNIA SECTION



Monthly Bulletin

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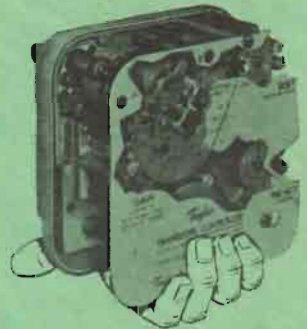


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The immediate benefits derived by the Sarnia members include a monthly meeting at which a qualified speaker discusses an instrument subject after which members fraternize with other instrument men and interchange ideas and news at a social hour, a 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.

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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 Vendome Hotel 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.

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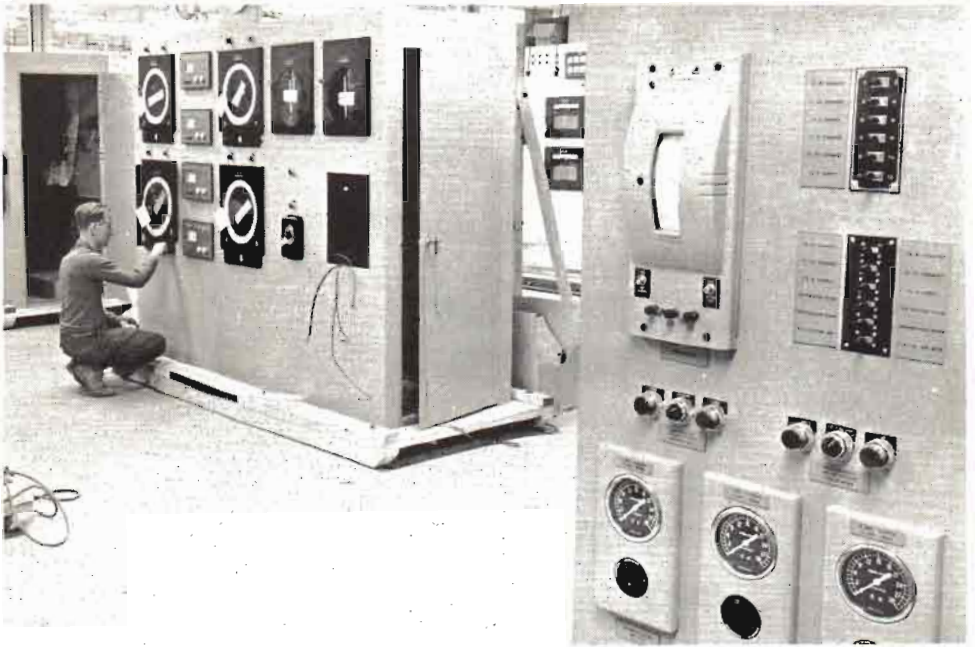
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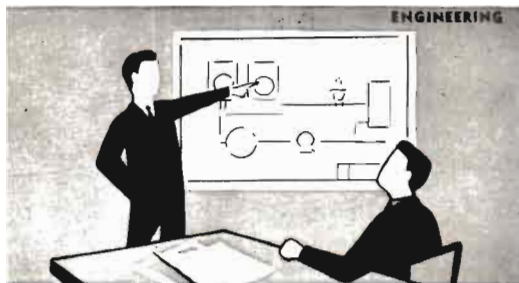
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The "BULLETIN"

VOLUME 8: No. 7

MARCH 1959

EDITORIAL

Bureaucracy is defined as "Government by bureaus, especially by rigid and arbitrary routine".

The fantastic rate of growth of bureaucracies has been observed, and commented on, by many as one of the most alarming of twentieth-century trends.

This growth is not exclusive with any one group, corporation, governing body, country or continent. It everywhere increases, and with the increase, the proportion in number between the actual production worker and the horde of supervisory, co-ordinating, statistical, inspectorial and clerical people whose activities are felt necessary to keep him efficient, grows to odd proportions indeed.

It is instinctive in men to wish to have some individuality, to not be a faceless digit in some social ant-hill. To further this modest ambition, the right to self-expression is guaranteed by the laws of our country. It takes a bold man, however, to exercise his rights under the law in almost every phase of our existence.

When the laws were written, the country was populated by farmers, merchants and small tradesmen, for whom divergent opinions were the breath of life. From these divergent opinions and the debate they aroused grew our truly democratic system of parliament which governs by majority rule and yet protects the rights of the dissenters. I am sure we all agree that this is a good system.

To-day the non-conformist is likely to be termed an "eccentric" and is viewed with suspicion by many. His employer, who is often a large corporation, prefers submissiveness to creative ability and will not cherish anyone who desires to debate official dogma. His neighbours will be critical of anyone who tastes in architecture or social activity vary from the norm.

In this round-about way I hope to show that this latent instinct for freedom, and the distrust of regimentation is still strong in all of us, and may account in some degree for the diminished vigor and membership in our local section. Many years ago, when we were our own entity and not attached to any headquarters, the section flourished like the green bay tree. Once we gave up our independence and agreed to abide by the rules of the Society, we found ourselves in the grip of an increasingly expensive

Frankenstein monster. To many of our former members, this particular beaureaucratic octopus was absurdly easy to escape from. They did. Hopelessly hemmed in by the fine-mesh net of governmental, industrial and social conformity they cast off this particular tenacle, whose rules were growing yearly more numerous and cloying.

For my own part, the cost of membership in a group that attempts to improve our job-knowledge is a small cost, but I can understand the sentiments of the escapees.

—H. Hobbs.

* * *

EDITOR'S NOTES

In this, March issue of the I. S. A. "Bulletin", we welcome contributions from our old colleague "Bill" Kirls, who lambastes the editorial taste in motor vehicles. To this I say, "attack me where and how you will, as long as you do it in writing".

I can remember Bill telling me about his earlier years in the Canadian west where winters are worthy of the name and he who would use a car in the cold weather must combine the talents of scientist, fire-bug and witch-doctor. The car must always be parked on a hill, which in flat country would probably be the barn-ramp. A roaring fire would be built beneath the crank case, the engine carefully primed, the correct spells and incantations recited and the whole affair shoved down the hill. If she started, everybody piled in and journeyed to town, often never shutting off the engine until they were back home and on top of the incline.

With this back-around Bill is well qualified to discuss starting techniques. His comparison of cars with instruments for sheer contrariness is an interesting one and something that I cannot dispute. To my way of thinking, an even greater truth that Bill is too modest to mention is quite evident. This is that the best instrument mechanics are usually those whose approach is calm and methodical, and whose enjoyment of their work increases with their knowledge and experience.

Jack Graham has gone even farther than usual and has contributed a poem of his own composition. The subject is very topical and should smart some of your back-sliding consciences.

Bob Connell promises an interesting program this month. Particularly for those of us who feel friendly toward pneumatic equipment.

Turn out and bring your friends.

In our January edition of the "Bulletin", our program chairman, Bob Connell touched on the subject of Elections and what could be "A Dead Section". May I add to Bob's remarks this poem and ask the question "Are You"

Do you attend the meetings
And mingle with the flock,
Or do you stay at home
And criticize and knock?

Do you take an active part
And help the work along,
Or are you satisfied
To only just belong?

Do you ever go to visit
A member who is sick,
Or leave the work to just a few,
Or talk about the "click"?

Think this over, "**Buddy**"
You know right from wrong.
Are you an active member,
Or do you just belong?

—Jack Graham

* * *

INSTRUMENTS ARE MY LINE

By Bill Kirk

When I turned my previous effort into our editor, I was surprised to see, he had purchased a spanking new Volkswagon bus or truck. (Never could tell them apart). When I questioned him about it, he became very evasive as to his reasons, except to say, "that it should spark me into writing an article about small cars. (He knows cars are my weakness).

I was shocked to see him with this expensive means of transportation, because I had him pegged as a very conservative fellow. As an example, I've heard it said, that he feeds his family only oat meal for food, and when asked how did he keep his family in line, when they see the ads for other foods, he replied, " Oh! I tell them it's only Communist Propaganda".

Now I must be careful what I say about the smaller cars because I own one. However for those of you who have never had the privilege to drive one of these gems, I decided to jot down a few pointers for future owners. The main reason I bought one is they intrigued me because they are so tempermental, they are like instruments.

The first important factor to remember if you want one of these autos to start in cold weather, is never tramp on the gas pedal, then attempt to start it. No sir—put that right foot in the back seat. It's very easy to do you know. Next pull the choke rod out and grind away. As the mighty 10 horsepower engine come to life, you slowly let out the clutch with the transmission in neutral. This may take several attempts before the engine will not stall. Now most of these little iron bugs have a four speed transmis-

sion. You may wonder why— well don't. Use the first gear, otherwise you will have to go through the start up procedure again. Only when you have changed into fourth gear and are now rolling along at a 20 M.P.H. clip, do you bring that right foot back from the back seat and slowly depress the gas pedal. You must at the same time ease the choke rod in. Of course all this is done while you are watching traffic and getting the defroster operating. (Mine consists of a plastic ice scraper.) As a final word of caution, be sure and wear warm clothing, as the heaters were designed for cold nights experienced only in tropical countries.

Each day I have an entirely new experience. These gems are so full of numerous tricks that I feel that by mastering this machine, I am in prime condition to face any instrument. Every morning I begin long muttering, unprintable words to it and if this fails, I give it a swift boot just to let it know who is boss.

Now doesn't this sound like putting an instrument into service some zero degree morning? Well somewhat like it anyway.

* * *

PROGRAM CHAIRMAN'S NOTES

If we look back on our programs so far, we find an interesting diversity of subjects, but nothing about our old dependable workers, the air operated instruments. To make up for this deficiency, we will present, at our March 23 meeting, the topic "Improving the Dynamics of Pneumatic Positioners". This subject has been written up as a technical article by Mr. C. Mamzic of the Moore Products Company, and has appeared in one of the more recent issues of the ISA Journal.

Our guest speaker will be Mr. Stu Bennett, general manager of the Moore Instrument Company Ltd. at Toronto. Mr. Bennett has been associated with the Moore Products Company for a number of years, and is well acquainted with the author of the original paper. He is consequently in a good position to do a capable job of presenting the subject and answering all our questions.

This month's mathematical quiz. At our February meeting there were 23 people in the meeting room. 6 of these were sales representatives who came up from Toronto to attend. Also included were the guest speaker, the president, secretary, treasurer, program chairman, and our faithful projectionist, all of whom would be there in any case. Question—of the remaining 46 Sarnia resident members, how many came out to hear the best presented talk we have had so far this year?

MEETING NOTICE

DATE: MARCH 23, 1959

PLACE: VENDOME HOTEL

TIME: 8.00 P.M.

TOPIC: **"IMPROVING THE DYNAMICS OF PNEUMATIC POSITIONERS"**

SPEAKER: **MR. J. S. BENNETT**
General Manager
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FILM: **"MUSCLES OF CONTROL"**
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WRITTEN ON A ROLL CHART

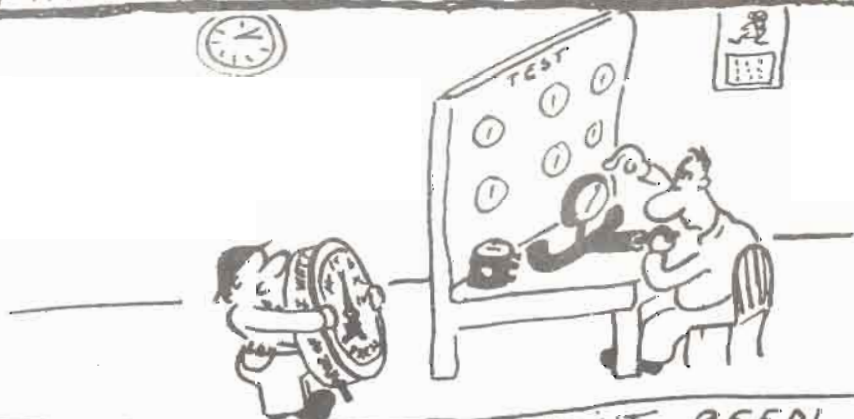
Now most of those who read these tortured lines,
Make instruments their calling, or their trade.
And some do not, but they as well as we,
For most part lead quite ordinary lives.
All dwell in modest comfort. With some strain
We clothe our wives and feed our clam'ring young.
Shunning not ambition we still feel,
Our work to be productive and that we
Pull with a right good will at each his oar.
All this we do for money. You'll agree,
When altruistic smoke-screens blow away,
That filthy, sordid lucre is the why
We faithful do our duty week by week,
Subservient to the whistle and the clock.
And our employers know, and know full well,
That for such sums as come to you and I,
They have derived an ample recompense.
This is as things should be. Thus industry
Can flourish and compete and even show,
A goodly profit for the fiscal year. Not so
The scared smiling public appointee,
Who need not prove his value every day
As we must do, or out the gate we go).
He, once annointed with the mystic oil,
Secure in tenure and the years ahead,
Glow golden with the utter certainty
Of even richer fiscal fruitfulness.
And if these people ever think of us,
Whose efforts on the treadmill never cease,
Whose sweat-stained tithes and imposts have indeed,
Maintained them in their portly opulence,
They think us untaught, ignorant, loutish clods
Who never, with a strict accountant's eye,
Should dare to question their necessity.
Now writers have, from ancient prejudice,
Been sparing of their critical approach,
To subject thought too delicate or fine
To be the topic of discussion.
Now some of these are; mothers, or the flag,
The national anthem, photos of the Queen,

And several others equally taboo.
Now one of these was teachers, who t''was felt *
Responded to some inner clarion-call,
An avocation of intensity,
So great that such reward as they did seek
Was chiefest in the satisfaction.
Of cultivating young enquiring minds
And sending youth well-armed into the fray.
Enough of myths like these, methinks the call
They heard was rather like the gong
That rings so clearly on a Saturday,
When registers are punched at Simpsons-Sears.
Mistake me not, now that the myth is gone,
I understand their feeling of desire,
For all the lovely luxuries of life,
Which we may covet and they may attain.
What I resent with bitter discontent,
Is that their bargaining has also raised,
Their oberleutnants to a dizzy height,
From whence they can with satisfaction,
Look down on many, many other folk,
Who up till now thought were executives.
Yes teachers, these who gaily sit upon,
The apex of your costly pyramid,
And like the lillies toil not, nor reap,
Are creatures to be envied. Humble I,
Do flex my knee, and doff my battered helm.
Success like this is far beyond the reach
Of my envenomed, far-too-feeble darts.
The sun doth rise, my friends, unsheath your axes,
'Tis time to garner some of this year's taxes.

—H. Hobbs



IT SURE IS A SNEAKY WAY OF
GETTING US TO WATCH THE
PANEL BOARD

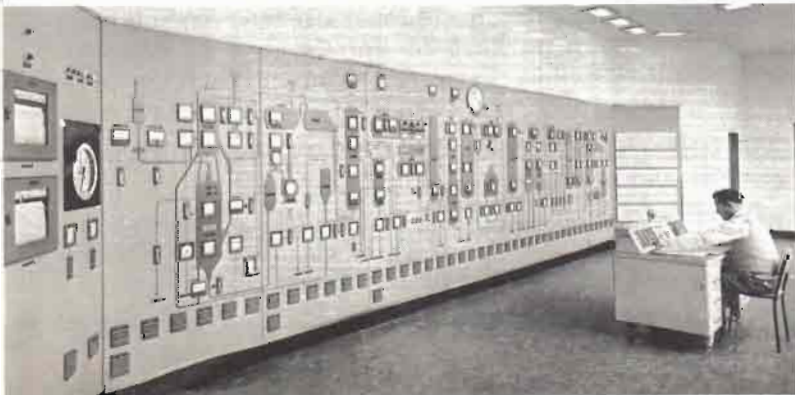
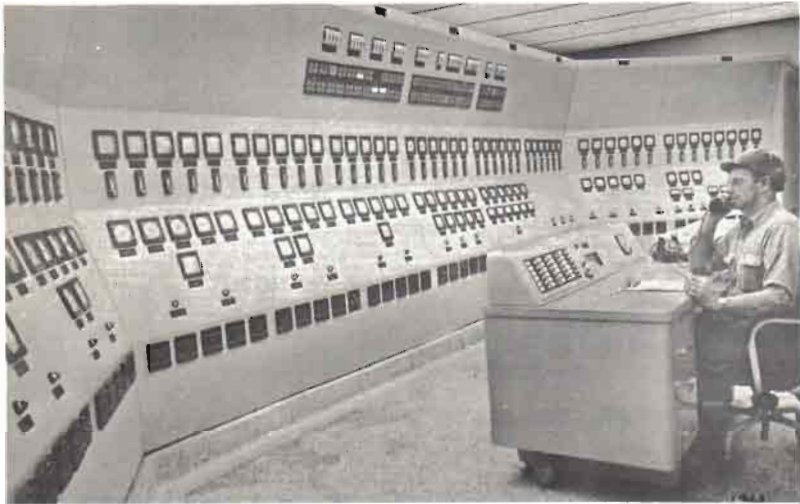


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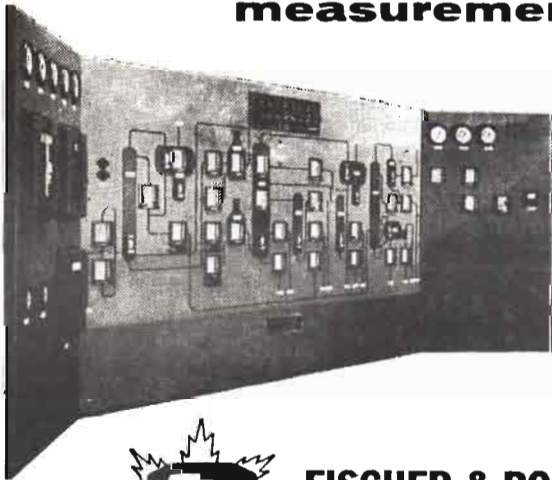
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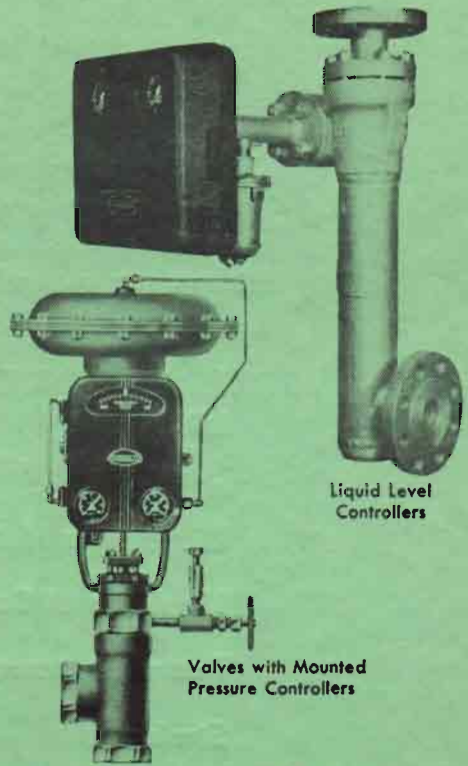
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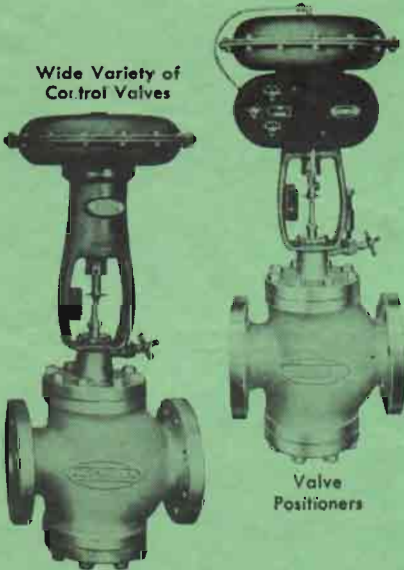


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