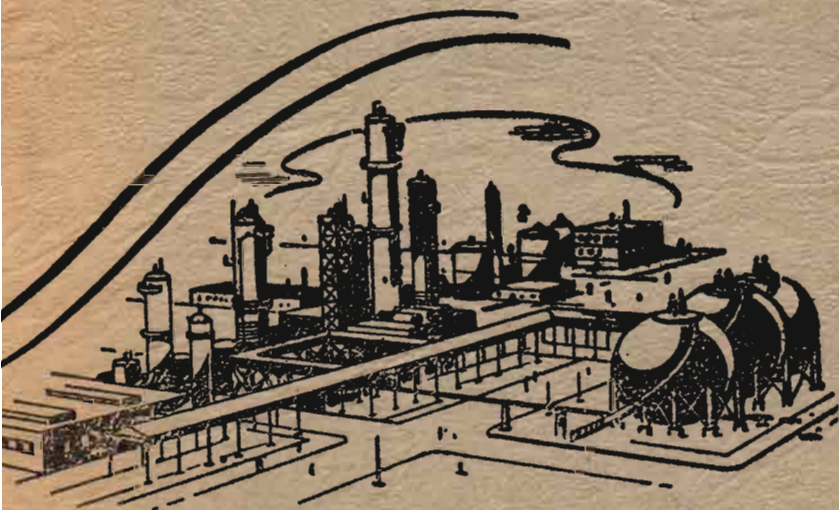


APR 53

INSTRUMENT  
SOCIETY of  
AMERICA



SARNIA SECTION



Monthly Bulletin



# **AUTOMATIC CONTROL EQUIPMENT**

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**INSTRUMENTS FOR RECORDING & CONTROLLING**

**Liquid Level**

**Flow**

**Pressure**

**Temperature**

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**TRANSMITTERS — RECEIVERS**

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**DIAPHRAGM-OPERATED CONTROL VALVES**

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**PRESSURE REDUCING REGULATORS**

**BACK PRESSURE REGULATORS**

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**PUMP DISCHARGE PRESSURE REGULATORS**

**STEAM PUMP SPEED GOVERNORS**

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**Representatives at  
VANCOUVER — CALGARY — EDMONTON — WINNIPEG**



# *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:

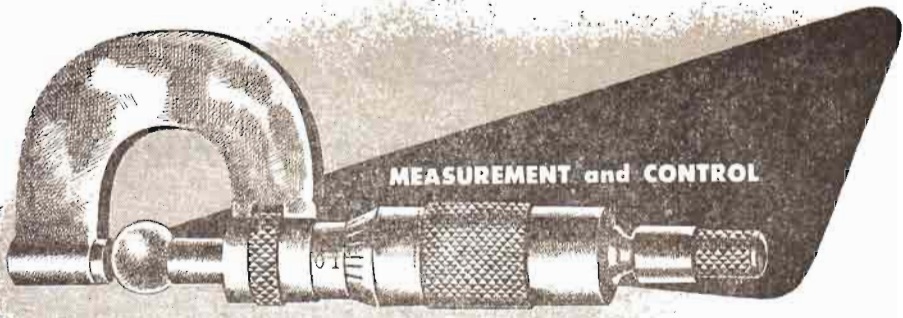
Honorary Chairman	MR. J. M. HACKING Plant Superintendent Dow Chemical Company
President	AMBY UPFOLD Polymer Corporation
Vice President	WARREN McKAY Polymer Corporation
Secretary	LARRY HALL Austin Construction Co.
Treasurer	LAURIE PARKER Dow Chemical Company

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.



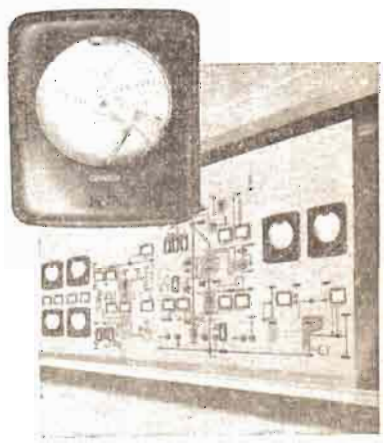


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Peacock represent six leading instrument manufacturers, whose combined products comprise probably the most extensive line of measurement and control instruments available ... for flow, temperature, pressure, liquid level, humidity and other process variables.

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The last word in modern automatic control—Foxboro Model 40 and Model 50 controllers on graphic panel of new T.C.C. unit. For graphics or conventional design panels—Peacock offers the latest in instrumentation.

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# Section News

Vol. 3, No. 8.

April, 1953.

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## LABATT TRIP POSTPONED

Owing to difficulties with the Liquor Control Board of Ontario, the trip to Labatt's in London, which was scheduled for April 6th. has been postponed until Thursday, June 4th. Further details will be given at the next meeting and in the May issue of the Bulletin.

## ELECTION OF OFFICERS

The election of officers for the Sarnia Section, I.S.A. for the term June, 1953 to May, 1954, will be held at the April meeting of the Section on April 20th. The new officers will be installed at the final meeting of the term in May.

## VIC TEMPLEMAN WRITES AGAIN

Vic Templeman, one of our "out-of-town" members, from Ioco, British Columbia in fact, usually writes us each year. In his letter just received, he says, in part: "I wish you would tell Mr. Hobbs that six people in our Instrument Dept. greatly appreciate his "Roll Chart" efforts - he will know what I mean". We appreciate them too and are sorry we have had to leave it out this issue.

# - WANTED -

Instrument Technicians with at least two years experience in petro-chemical or refinery process control are wanted by the Canadian Chemical Company, Limited, in Edmonton, Alberta. A good background in pneumatic instruments is required. The rate of pay is \$1.85 per hour and the company pays the cost of the health insurance. If satisfactory after interview, a job is guaranteed and the interview will be arranged in the applicant's home town. Transportation will not be paid to Edmonton. The company is anxious to interview qualified men as soon as possible. If you are interested, please see, phone, or write to the Chairman of the Employment Committee, Warren McKay, 201 N. Brock St., Sarnia, Ontario. Telephone, Digby 6476. All applications will be held in strict confidence.

(The Canadian Chemical Company is a new company still under construction. There are approximately 8000 instruments in the plant, of which about 80% are pneumatic. This company is planning on building a new \$60 million pulp plant in British Columbia soon and will require instrument men there as well. They assure us, therefore, that there will be plenty of opportunity for advancement.)

PROGRAM CHAIRMAN'S REMARKS

Because of the growing use of analyzers in automatic control of chemical industries, it seems in order to have an expert discussion of the subject at one of our meetings. The April meeting, which will be held on April 20th. at the "Y" will have as its theme an explanation of the principles of the infra-red analyzer.

Joe Serrill of the Leeds and Northrup Co., of Philadelphia, will bring an infra-red analyzer with him and will explain and give a practical demonstration of its workings to our membership.

To all of you who have had this type of instrument recently installed in your plant, and also to any who expect to have to work on them in future, I would strongly urge you to attend this meeting.

Bob Connell,  
Program Chairman.

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The Sarnia Section of the Instrument Society of America has 130 paid up members and is the largest section in Canada.

MEETING NOTICE

DATE: Monday, April 20, 1953.

PLACE: Sarnia Y.M. - Y.W.C.A.

TIME: 8:00 P.M.

SPEAKER: Mr. J. L. Serrill, Jr.,  
Petro-Chemical Section,  
Market Development Div.,  
Leeds & Northrup Company,  
Philadelphia, Pa.

TOPIC: "The Infra-red Analyzer"

FILM: There will be a film.





**T**HE 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.

**Minneapolis. Honeywell Regulator Co., Ltd., Leaside, Toronto 17.**

MINNEAPOLIS  
**Honeywell.**

*Brown Instruments.*

## COMPANY REPRESENTATIVES FOR 1952-53

Imperial Oil Limited  
Polymer Corporation  
Dow Chemical Company  
Canadian Oil Company  
Member at large

Russell Fulcher  
Ross Lindsay  
Len Carter  
Ron Asselstine  
Howard Robertson

## COMMITTEE MEMBERS FOR 1952-53

NATIONAL DIRECTOR  
J. W. Graeb

MEMBERSHIP  
Dick Langler

REFRESHMENTS  
Ross Lindsay

SPECIAL EVENTS  
Tom Needham

NEWSLETTER  
Howard Robertson

EDUCATION  
Ken Goldring

MAILING  
Len Carter

HOUSE  
Russ Fulcher

PUBLICITY  
Larry Hall

FILMS  
Bob Connell  
Len Carter

PROGRAMS  
Bob Connell

EMPLOYMENT  
Warren McKay

CONSTITUTION  
Ron Asselstine

ATTENDANCE  
Tom Moore

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4" Type "C"  
Auto-Stop  
Meter



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- STRAINERS

- BACK PRESSURE VALVES
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—Dehumidifiers

**MANNING, MAXWELL & MOORE, INC.**

—Ashcroft Gauges

—Hancock Valves

—American Industrial Thermometers

—Consolidated Safety and Relief Valves

—Ashcroft and Microsen Transmission Systems

**TRINITY EQUIPMENT CORPORATION**

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# NEW IDEA

## In Pneumatic Control!

### Taylor TRI-ACT\* CONTROLLER

New Taylor Force-Balance Controller with new circuit is new concept in process control! Combines two proportional bands, one with rate action in closed loop ahead of automatic reset. Rate action shifts first band. Automatic reset shifts second band. You get:

1. Start-up with no overpeaking
2. Benefits of automatic reset without its evils.
3. Faster recovery on load changes.



Get complete details from Bulletin 98097. You'll see how the new TRI-ACT Controller creates new standards in pneumatic transmission systems for temperature, pressure, flow or liquid level control. Taylor Instrument Companies of Canada Limited, Toronto, Montreal, Winnipeg, Calgary, Vancouver. Instruments for indicating, recording and controlling temperature, pressure, humidity, flow and liquid level.

\*Trade-Mark



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