

May 53

INSTRUMENT
SOCIETY of
AMERICA



SARNIA SECTION



Monthly Bulletin



AUTOMATIC CONTROL EQUIPMENT

INSTRUMENTS FOR RECORDING & CONTROLLING

Liquid Level

Flow

Pressure

Temperature

TRANSMITTERS — RECEIVERS

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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.

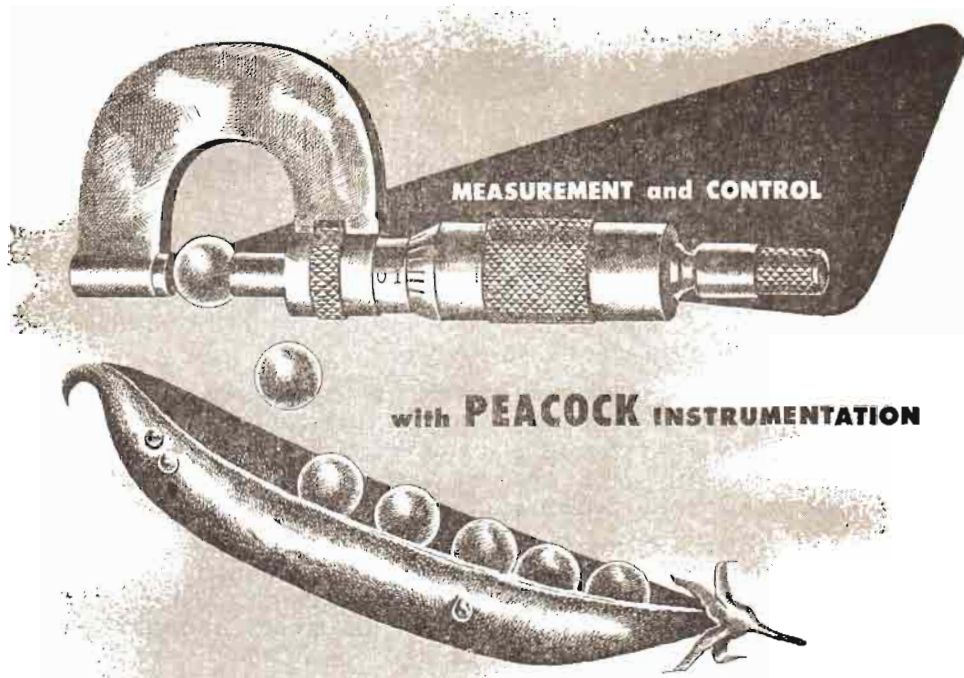
Executive Officers for the 1952-53 season are:

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.

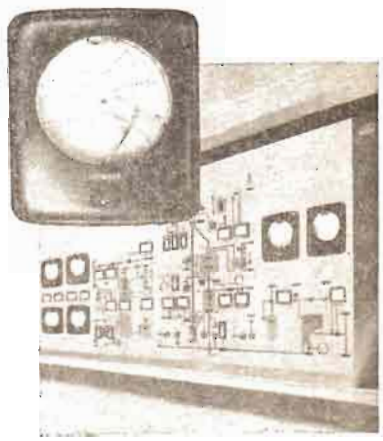


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ANNUAL REPORT OF THE SARNIA SECTION, I.S.A. - 1952-53

1952-53

EXECUTIVE COMMITTEE

1953-54

John Hacking.....	Hon. President	To be appointed
Amby Upfold	President	Warren McKay
Warren McKay	Vice-president	Jack Heatley
Larry Hall	Secretary	Larry Hall
Laurie Parker	Treasurer	E. Everingham
Bob Connell	Program Chairman ...	Harold Kohlmeir
Ross Lindsay	Polymer Rep.	N. Knowles
R. Fulcher	I.O.L. Rep.	To be elected
Len Carter	Dow Rep.	Tom Moore
Ron Asselstine	Can. Oil Rep.	Gordon Humphrey
H. Robertson	Rep. at large	R. F. Brayne

Heads of Committees will be appointed by the executive

REPORT OF THE PRESIDENT

Another year of successful operation of this section has been completed due to the untiring efforts of the rest of the executive and the members of the various committees.

With the same cooperation next year which we have received during the past, we can be assured that the new executive will be able to make this section even more useful to its members and more successful in its aims during the next year.

(Signed) A. Upfold

REPORT OF THE SECRETARY

Besides routine work of this office, your secretary sent out 165 letters during the term and acted as editor of the Bulletin which included the typing and arrangement of the section known as "Section News". I would like to acknowledge the work of Howard Hobbs who wrote the "Written on a Roll Chart" series and of Ross Lindsay who looked after the printing of the Bulletin and Bob Connell who looked after the advertising. I hope to continue to be of service in the same office during the coming term.

(Signed) Larry Hall

MEMBERSHIP REPORT

Membership at start of year.....	117
New Members accepted	18
Members resigned	5
Net Gain in membership	13
Total Membership to date	130

(Signed) R. Langler, Chairman

REPORT OF THE EDUCATIONAL COMMITTEE

During the year 1952-53, the Educational Committee arranged for evening classes in Instrumentation with the Technical School. The winter's work was divided into three courses as follows: first, a course on the measurement of flow, pressure, level, and temperature, which took 17 sessions and was of elementary difficulty; second, a course in measurement with electrical instruments which took 12 sessions and was of intermediate difficulty; third, a course on control which took 8 nights and was of senior difficulty. Eleven men received certificates for the junior course; seven men received certificates for the intermediate course; and five men received certificates for the senior course. Four men received certificates for all three lecture courses.

(Signed) K. Goldring,
Education ChairmanTREASURERS REPORT

Collected for year	\$849.50
Paid out	\$780.92
Balance on hand	\$ 68.58
Balance from last year .	\$231.35
<hr/>	
Total credit balance ...	\$299.93

(Signed) L. Parker.

REPORT OF THE PROGRAM CHAIRMAN

This is the time of the year when the program chairman heaves a deep sigh of relief as he puts the last letter in a thick folder titled "Sarnia I.S.A. 1952-53" and files it away in his drawer. The arrangements for the final meeting have all been completed and program problems can be forgotten until next September.

However, thanks to the cooperation of the gentlemen we have contacted as potential guest speakers, worries have been few this season. We approached men who were acknowledged experts in their respective fields, and in nearly every case the favour was granted us.

A diversified number of topics were presented. These included discussions of combustion control, continuous blending, flow metering, railway signalling, force balance cells and analysis by infra-red absorption. Some of these talks were elucidated by showing actual equipment. Our section of the I.S.A., and particularly the Program Chairman, certainly are indebted to our guest speakers and others who helped us to complete our program arrangements.

Our speaker for the final meeting on May 26 will be Mr. D. M. Boyd, Jr., Instrument Engineer for the Universal Oil Products Company, of Chicago. In addition to being an authority on instrumentation as applied to the petroleum industry, Mr. Boyd is first vice-president of the national body of the Instrument Society of America. He was one of the original group who introduced the graphic panel into petroleum processing.

We have received permission for Mr. Boyd to bring with him a working model with which he can demonstrate the principles of operation of a fluid catalytic cracker. All in all, we are assured of a fine meeting.

(Signed) Bob Connell,
Program Chairman

PROGRAM NOTICE

DATE: Tuesday, May 26, 1953.

PLACE: Sarnia Riding Club

TIME: 6:30 P.M. (E.D.T.)

TOPIC: "Instrumentation for
Catalytic Cracking
Plants"

SPEAKER: Mr. D. M. Boyd, Jr.,
Universal Oil Products,
Chicago, Ill.

ADMISSION: To the Dinner - \$2:00

GAMES AND REFRESHMENTS AFTER THE MEETING



THE 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.

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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

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Warren McKay

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Ron Asselstine

ATTENDANCE

Tom Moore

RED SEAL Petroleum Meters



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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.

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