

# CUTS GLYCERINE DISTILLING AND BLEACHING COSTS TEN WAYS

NEW W & S CONTINUOUS  
SYSTEM PRACTICALLY  
AUTOMATES ONCE ON STREAM

(1) Crude glycerine is heated to a much lower temperature (2) High hydrostatic head temperature rises are eliminated by spray flashing (3) Circulating pump and external heater replace coils inside the still (4) Continuous and automatic removal of still residue (no down time between batches) (5) Less fatty acids and esters pass into condensers to contaminate final product (6) The only glycerine distillation system that uses condensate as a coolant—reduces need for cooling water (7) Entrainment losses are reduced to practically zero—result is an improved glycerine yield and quality (8) Continuous deodorizing (9) Continuous bleaching and polishing (10) Only chemically pure glycerine is produced.

## COMPARE YOUR GLYCERINE WITH THESE ACTUAL PRODUCTION SAMPLES

Specific Gravity 15.5°/15.5° C	1.2549	1.2646
% Glycerol	95.95	99.72
Apha Color	5	5
Free Fatty Acids and Esters N		
(CC of — NaOH) 2	0.15	0.64
Odor	None	None
% Residue on Burning Chloride—P.P.M.	0.002 1	0.004 2
Heavy Metals—P.P.M.	Less than 5	Less than 5
Arsenious Oxide—P.P.M.	Less than 2	Less than 2
Sulphate—P.P.M.	Less than 20	Less than 20
Carbonizable Material	Lighter than Standard	Lighter than Standard
Ammonia Glucose Acrolein	None	None

Write for detailed technical information and a cost estimate

### WURSTER & SANGER, INC.

CONTRACTING • CHEMICAL ENGINEERS • CONSULTING  
Fat & Oil Processing, Fatty Acids, Glycerine Plants

## • New Series Begins on AOCS Past Presidents

To All Members of the American Oil Chemists' Society:

It has been my privilege to update the series of biographical sketches of Past Presidents of AOCS, which appeared in the Journal up to 1947. They were later bound in a volume entitled, *Presidents and Committees of the American Oil Chemists' Society*. Biographical sketches were also prepared of the 20 past presidents from 1947 to 1966, and these will soon be published serially in the Journal.

R. W. Bates

### C. P. LONG, 1948

Carlos P. Long was the 39th President of the American Oil Chemists' Society. C. P. was born in Genessee County, Michigan, in 1881. He attended grade school in Flint and the Otisville High School for two years and then commuted to Flint where he graduated in 1900. He took a teacher's examination during the summer and taught in a rural one-room school for one year.



C. P. Long

He enrolled at the University of Michigan in 1901 and was graduated in 1905, majoring in organic chemistry. He was an assistant to the famed Dr. Moses Gamberg for two years. In 1906 he accepted a position with the Globe Soap Co. in Cincinnati where he worked for the eighth President of the American Oil Chemists' Society, Archibald Campbell; he later became Chief Chemist.

In 1928 he was transferred to Procter and Gamble when this company purchased Globe. His work at Procter & Gamble over the years was in the Standards and Analytical Groups, involving methods, audits of the laboratories in the U. S., Canada, Mexico and Venezuela.

His first publication in the *Journal of the American Oil Chemists' Society*, entitled: "Studies on Monobrometriphenyl Methane," with L. H. Cone, and his last one was in 1940 in the *Journal of the American Oil Chemists' Society* on a Method for the Detection of Chlorophyll in Fat, with H. B. Stevenson.

C. P. served on many committees in our Society, viz: Detergent, 1925; FFA, 1918-20; FAC, 1925-50; Moisture, 1927; Soap Analysis, 1930-55; Soap Stock, 1918-24, 1937-40; Sulf. Oils, 1934-45; Uniform Methods, 1937-49; Referee Board, 1948; Smalley, 1953-56 as well as the Governing Board, Nominating and Election, etc.

During his tenure as Membership Chairman, he made a concerted effort to get the AOCS Journal into all college libraries. Free copies were sent. This probably aided the Society in getting more academic members.

The Constitution and By-laws were revised during C. P.'s administration. The Soap Section was eliminated and automatically the fourth Vice President.

C. P. has two daughters and four grandchildren. He is in retirement and lives in Cincinnati, Ohio.

## New ISA Quarterly Index

The Instrument Society of America (ISA) has announced publication of the first issue of its new quarterly *ISA Instrumentation Index*, which provides a ready means of identifying and researching current technical literature published by the Society. It is available by subscription.

The reference covers ISA-published literature including proceedings of its annual conferences and symposia; articles appearing in its monthly journal, *Instrumentation Technology*, and in the quarterly *ISA Transactions*; special purpose monographs and standards, and journals translated from the Russian and Chinese.