APPENDIX III

LIST OF ASTM SYMPOSIUMS AND TECHNICAL PAPERS ON INDUSTRIAL WATER

Committee D-19 has sponsored many symposia and discussions of various phases of the use of industrial water. The resulting papers have been published at several times and different places. For convenience in locating this literature relating to the subject of this Manual, a complete listing is given below.

1934


1936


1937


1938


1939


1940


Robert C. Adams, "Reporting the Results of Water Analysis."

V. V. Kendall, "A Review of Data on the Relationship of Corrosivity of Water to Its Chemical Analysis."


1941

P. B. Place, “The Degasification of Steam Samples for Conductivity Tests.”
A. R. Mumford, “A New Type of Conductivity Apparatus for Use with Boiler Waters and Steam Samples.”
C. E. Kaufman, “Conductivity Cells and Electrical Measuring Instruments.”

1942
George W. Morey, “Solubility of Solids in Water Vapor.”

1943
Everett P. Partridge, R. K. Scott, and P. H. Morrison, “Diagnosis of Water Problems at Limbo Station.”

1944
Round-Table Discussion on Organizing the Classification of Industrial Waters, *Proceedings*, Vol. 44, pp. 1051 to 1082 (1944):
W. D. Collins, “Typical Water Analyses for Classification with Reference to Industrial Use.”
Lewis B. Miller, “The Use of Selected Waters in Pulp and Paper Manufacture.”
R. E. Hall, “Treatment of Various Types of Waters for Operating Pressures Above 400 psi.”
J. A. Holmes, “Classification of Feedwater for Boilers Operating Between 100-400 psi.”

1947
Round Table Discussion on Water-Formed Deposits, *Proceedings*, Vol. 47, pp. 1088 to 1117 (1947):
Michael Fleischer, “Some Problems in Nomenclature in Mineralogy and Inorganic Chemistry.”
Alton Gabriel, Howard Jaffe, and Maurice Peterson, “Use of the Spectroscope in the Determination of the Constituents of Boiler Scale and Related Compounds.”

1948
R. B. Donworth, “Station Design and Composition of Materials as Factors in Boiler Corrosion.”

1949
Round Table Discussion on Standards for Water-Borne Wastes, ASTM Bulletin, No. 16, December (1949):
Charles F. Hauck, “Gaging and Sampling Water-Borne Industrial Wastes.”

1950

1951

1952
M. F. Madarasz, “Automatic Sampling of Industrial Water and Industrial Waste Water.”
Robert Rosenthal, “Some Practical Aspects of the Measurement of pH, Electrical Con-
ductivity and Oxidation-Reduction Potential of Industrial Water.”
A. E. Griffin, “Continuous Recording of Chlorine Residuals and Determination of Chlorine Demand.”

1955

1956
Symposium on Steam Quality, STP 192, Am. Soc. Testing Mats. (1956):
W. B. Gurney, “Measurement and Purification of Steam to 0.01 ppm Total Dissolved Solids.”
E. E. Coulter and T. M. Campbell, Jr., “Steam Purity Determination by Tracer Techniques.”
R. O. Parker and R. J. Ziobro, “Comments on Corrections to Steam Conductivity Measurements.”
A. B. Sisson, F. G. Straub, and R. W. Lane, “Construction and Operation of Larson-Lane Steam Purity and Condensate Analyzers.”

Claude K. Rice, “Three is a Vital Number.”
(The relations of the Public, Government and Industry in the measurement and abatement of stream pollution.)
T. C. Wilson, “Industrial Waste Problems in Southern California.”
Carl B. Johnston, “Water Pollution Control in the Los Angeles Area.”
Robert C. Adams, “Committee D-19: The First Quarter Century.”
O. M. Elliott, “Sea Water Purification.”

1957


1958
A. R. Belyea, “Introduction.”
A. Louis Medin, “Radioactivity and Purity Control of APPR Primary Water.”
C. J. Munter, “Test Methods for Radioactivity Hazards in Industrial Waters.”
D. L. Reid, “Analysis of Environmental Samples for Radionuclides.”
J. M. Seamon, “Summation.”

1959
J. K. Rice, “Deposit Identification—First Step Toward Understanding a Water Problem.”
C. M. Maddin and R. B. Rosene, “Identification by Instrumental Methods of Chemical Compounds in Water-Formed Deposits.”
J. V. Smith, “Correlation of Elemental Analysis and Phase Identification as Viewed by a Mineralogist.”

William L. Lamar, "Introduction."
Franklin B. Barker, "Determination of Radioactive Materials in Water."
Joseph J. Finnerty, "Utilization of Cooling Towers in Conservation and Pollution Control."
R. B. Richman, "Improvements in Water Treatment for Once-Through Reactor Cooling."

James M. Morris, Jr., "Disposal of Oil-Field Brines in the Central Valley of California."
L. V. Wilcox, "Effect of Industrial Wastes on Water for Irrigation Use."

William E. Katz, "Operation of Batch-Type and Continuous Electric Membrane Demineralizers."

Frank E. Clarke, "Old Wine in New Bottles."