

ATMOSPHERIC CORROSION OF METALS

Dean/Rhea, *editors*



ATMOSPHERIC CORROSION OF METALS

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Anthony Gallaccio
13 February 1916 to 21 August 1980

Dedication

This volume is hereby dedicated as a living memorial to our professional friend—Anthony Gallaccio, President, Gallton Company and retired Chief, Materials Application Branch, Frankford Arsenal, Philadelphia, Pennsylvania, who passed away on 21 August 1980 at the age of 64 years.

Tony was born in Philadelphia, Pennsylvania and received his A.B. in Chemistry from Temple University. He began his career in the federal government in 1947 at Frankford Arsenal and retired some 30 years later in 1977. During this period, he became an international authority on corrosion and corrosion control, including such areas as high temperature oxidation, development of protective coatings systems, and environmental and accelerated corrosion testing. He has been granted five patents in the area of metals protection and has numerous publications in the area.

In addition to his managerial and research activities, Tony was active in numerous technical societies including ASTM, ACS, AOA, Electrochemical Society, Franklin Institute, NACE, and Scientific Research Society of Amer-

ica. Within ASTM, Tony has presented and had published a number of papers in ASTM publications while actively participating in G-1. He also was chairman of Subcommittee GO1.07 on Galvanic Corrosion. He has held numerous offices in NACE and was director of NACE Liberty Bell Corrosion Courses for over ten years. He has also chaired the following NACE committees: T9, Corrosion of Military Equipment; T9-B8, Finishes for Magnesium; and T9-A5, Galvanic Corrosion Test Methods. He has also been active in ASM's career development and education ventures. Numerous Government committees and panels saw Tony serve as a corrosion expert.

Tony was a life long resident of the Philadelphia area. He was married to Leonora Marotto on 12 November 1938. He leaves a married daughter, Maria Shire, three sisters, Anna Marotto, Frances Iaricci, and Catherine Pecca and two grandchildren, Nora and John Shire. An extremely energetic person, Tony found time, in addition to his work and technical society activities, to assist young musicians in the Youth Orchestra of Philadelphia, as President and Board Member. His hobbies included greenhouse gardening, ceramics, oil painting, classical music, Western history, as well as the piano.

Anthony Gallaccio, recognized corrosion authority, devoted husband, loving parent and grandparent, public servant, and aesthete will be sorely missed.

Foreword

The symposium on Atmospheric Corrosion of Metals was presented at Denver, Colorado, 19–20 May 1980. The symposium was sponsored by ASTM Committee G-1 on Corrosion of Metals in cooperation with the National Association of Corrosion Engineers. S. W. Dean, Jr., Air Products and Chemicals, Inc., and E. C. Rhea, Reynolds Metals, Co., are editors of this publication.

Related ASTM Publications

Underground Corrosion, STP 741 (1981), 04-741000-27

Electrochemical Corrosion Testing, STP 727 (1981), 04-727000-27

Sampling and Analysis of Toxic Organics in the Atmosphere, STP 721
(1980), 04-721000-19

Geothermal Scaling and Corrosion, STP 717 (1980), 04-717000-27

Corrosion of Reinforcing Steel in Concrete, STP 713 (1980), 04-713000-27

Corrosion and Degradation of Implant Materials, STP 684 (1979),
04-684000-27

Stress Corrosion Cracking—The Slow Strain-Rate Technique, STP 665
(1979), 04-665000-27

Atmospheric Factors Affecting the Corrosion of Engineering Metals, STP 646
(1978), 04-646000-27

A Note of Appreciation to Reviewers

This publication is made possible by the authors and, also, the unheralded efforts of the reviewers. This body of technical experts whose dedication, sacrifice of time and effort, and collective wisdom in reviewing the papers must be acknowledged. The quality level of ASTM publications is a direct function of their respected opinions. On behalf of ASTM we acknowledge with appreciation their contribution.

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