Process Industries Corrosion

—The Theory and Practice



AN OFFICIAL PUBLICATION

Process Industries Corrosion

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Foreword

he process industries present a complex and challenging set of materials engineering problems. Materials selection and corrosion control must be fine-tuned to ensure safety and to maximize profitability of the facilities. This task is made more difficult because many problems are unique in the amount of specific differences in operating parameters, feedstock, quality requirements, and local conditions. Experience then becomes an extremely important factor in making sound decisions.

The object of this book, like that of its predecessor published in 1975, is to provide the reader with the benefit of this experience. The authors were selected for their excellence and problem-solving experience in over 55 specific fields. As a result, each paper endeavors not only to provide some theoretical background for a specific subject, but also to explain and describe current industry practice in dealing with it.

This book was prepared by Task Group T-5A-26, a subcommittee of Unit Committee T-5A on Corrosion in Chemical Processes, which is a subgroup of Group Committee T-5 on Corrosion Problems in the Process Industries. Members of the task group are:

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