Advances in Corrosion Control and Materials in Oil and Gas Production
Papers from EUROCORR '97 and EUROCORR '98

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Preface

This EFC publication incorporates papers from the sessions at EUROCORR '97 and EUROCORR '98 dealing with Corrosion in Oil and Gas Production. These conference sessions, and attendant workshops, are run by EFC Working Party 13. This Working Party has over 200 members coming from 26 countries throughout the world. Over 80% of members are employed in the oil and gas producing industries, in engineering design houses, in industrial research laboratories or in manufacturing industries. As such the work of EFC Working Party 13 is led by the needs of industry rather than by academia. This is obvious from the content of the 47 papers contained in this publication.

The proceedings are opened by two keynote papers from leading experts in the understanding and control of Corrosion in Oil and Gas Production: Dr. S. D. Kapusta, Shell International, The Netherlands and Professor G. Schmitt from Iserlohn University, Germany.

The remaining papers have been separated into six broad topics:

- Carbon and alloy steels
- Martensitic stainless steels
- Corrosion resistant alloys
- Galvanic corrosion
- Corrosion inhibitors, and
- Non-metallic materials.

Within these topics authors have explained new developments in the design of alloys, particularly in martensitic stainless steels, and have improved the understanding of corrosion, and corrosion mitigation, in a wide range of materials from carbon steels to corrosion resistant alloys, reinforced plastics and ceramics. Coming from the need to control corrosion in oil and gas production, the papers deal extensively with corrosion in carbon dioxide, hydrogen sulfide and chloride containing environments.

The contribution made by each of the authors represented here must be gratefully acknowledged. Without their willing help the EUROCORR conferences and this EFC publication would not be possible. The organising committees of EUROCORR '97 and EUROCORR '98 are also sincerely thanked.

Finally, thanks are due to Dr. L. M. Smith. As previous chairman of Working Party 13 she organised the conference sessions at EUROCORR '97. She also reviewed the papers contained in this volume in order to write the Foreword.

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