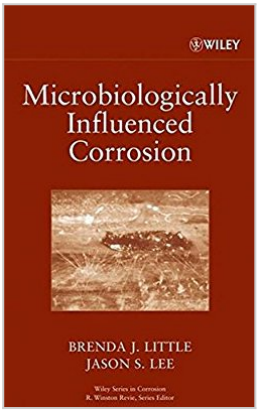

Microbiologically Influenced Corrosion

By Brenda J. Little, Jason S. Lee

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A multi-disciplinary, multi-industry overview of microbiologically influenced corrosion, with strategies for diagnosis and control or prevention

Microbiologically Influenced Corrosion helps engineers and scientists understand and combat the costly failures that occur due to microbiologically influenced corrosion (MIC). This book combines recent findings from diverse disciplines into one comprehensive reference. Complete with case histories from a variety of environments, it covers:

- Biofilm formation
- Causative organisms, relating bacteria and fungi to corrosion mechanisms for groups of metals
- Diagnosing and monitoring MIC
- Electrochemical techniques, with an overview of methods for detection of MIC
- The impact of alloying elements, including antimicrobial metals, and design features on MIC
- MIC of non-metallics
- Strategies for control or prevention of MIC, including engineering, chemical, and biological approaches

This is a valuable, all-inclusive reference for corrosion scientists, engineers, and researchers, as well as designers, managers, and operators.

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Microbiologically Influenced Corrosion By Brenda J. Little, Jason S. Lee Bibliography

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Editorial Review

Review
"...strongly recommended for engineers and scientists that design components that might be exposed to MIC…would also make an excellent text…" (*Journal of Metals Online*, October 23, 2007)

From the Back Cover
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Users Review

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