1. Record Nr. UNINA9911004855703321

Autore	Javaherdashti Reza
Titolo	A Pathological Mini-Atlas of Microbiologically Influenced Corrosion and Deterioration (MIC / MID) Cases
Pubbl/distr/stampa	Zurich : , : Trans Tech Publications, Limited, , 2022 ©2022
ISBN	9783036410173
Edizione	[1st ed.]
Descrizione fisica	1 online resource (185 pages)
Collana	Foundations of Materials Science and Engineering ; ; v.Volume 102
Disciplina	620.11223
Soggetti	Microbiologically influenced corrosion
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- A Pathological Mini-Atlas of Microbiologically Influenced Corrosion and Deterioration (MIC / MID) Cases -- Preface -- Table of Contents -- A Pathological Mini-Atlas of Microbiologically Influenced Corrosion and Deterioration (MIC / MID) Cases -- A few Words about this Book and its Title -- Introduction -- Chapter 1: Microbiologically Influenced Corrosion (MIC)` -- Chapter 2: Microbiologically Influenced Deterioration (MID) -- Chapter 3: Assessment of Detection, Treatment, and Monitoring in MIC/MID -- Chapter 4: Reactive Corrosion Management" (RCM) and "Proactive Corrosion Management" (PCM) with a Focus on MIC/MID -- Chapter 5: Root Cause Analysis: Industrial Challenges and Alternative Aspects -- Chapter 6: A Few Myths about MIC/MID -- Chapter 7: "Arkhipov" Decision: Ethics Involved in Inspection and Reporting -- Chapter 8: MIC/MID and Standards -- Chapter 9: Special Section on Anti-Microbial Coating -- Chapter 10: Pouring an Ocean into a Cup, Summarising a Book in a Chapter -- Gallery -- References to Consult with which are Not Used in the Text, Provided by the Contributors -- References -- Keyword Index.
Sommario/riassunto	This book, authored by Dr. Reza Javaherdashti, serves as a specialized resource for engineers and professionals dealing with microbial corrosion (MIC) and microbial influenced deterioration (MID). It provides a visual reference through a mini-atlas format, highlighting cases of material failure and their possible causes. The book aims to simplify the identification of MIC-related issues by focusing on practical

insights and essential working conditions rather than unnecessary technical jargon. It is intended for materials scientists, corrosion engineers, and industry professionals seeking to diagnose and address microbial corrosion challenges effectively.