Corrosion Failures: Theory, Case Studies, and Solutions
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DESCRIPTION

Provides corrosion basics in a lucid manner to students and working professionals and over 80 corrosion-failure analysis case studies

- Correlates Failure Analysis with Corrosion Science
- Exclusively provides corrosion-related failure analysis case histories in one place in a convenient format
- One-stop shop for both science and real time occurrence of the phenomenon of corrosion
- Full coverage of all MOC, Materials of Construction, used for process equipments
- Simple but Lucid presentation of Failure Analysis procedure

ABOUT THE AUTHOR

K. Elayaperumal has close to 50 years of experience in Corrosion and Metallurgical Analysis. Since 1979 he has been a Corrosion & Metallurgical Consultant extending advisory Consultancy Services in the areas of Corrosion Prevention, Materials Selection, Failure Analysis, Water treatment etc. as related to Process Industry. He is the recipient of the National Metallurgist
Award instituted by Ministry of Iron and Steel, Government of India, for contribution in Corrosion Prevention and Failure Analysis and also the Life Time Achievement Award from NACE International India Chapter.

**V. S. Raja** is currently a professor in the Department of Metallurgical Engineering and Materials Science at the Indian Institute of Technology Bombay, Mumbai, India. He has guided about 20 doctoral and 100 master’s students in Corrosion and has been a Consultant to over 50 industries; has over 120 publications in various peer reviewed journals & books and also delivered over 100 plenary, keynote and invited talks in conferences. He is a recipient of Meritorious award by NACE international India Section and Excellence in Teaching award by IIT Bombay and a Fellow of NACE International and Indian Institute of Metals.

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