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International Publications

2012

1. **Failure investigation of wheel gear hub assembly of an aircraft**
Engineering Failure Analysis, In Press, doi:10.1016/j.engfailanal.2012.01.004

2011

1. **Remaining life assessment of platforming reactor vessels**
Engineering Failure Analysis, Volume 18, Issue 4, June 2011, Pages 1247-1252

2010

1. **Microstructural study and electrochemical behavior of low alloy steel weldment**
Materials & Design, Volume 31, Issue 6, June 2010, Pages 3051-3055
2. **Failure investigation of heat exchanger plates due to pitting corrosion**
Engineering Failure Analysis, Volume 17, Issue 4, June 2010, Pages 886-893
3. **Microstructural and Electrochemical Characterization of Ni/Ti₂N Composite Coating for Sintered NdFeB Permanent Magnets**
Key Engineering Materials DOI:10.4028/www.scientific.net/KEM.442.255, (Volume 442), Advanced Materials XI, June 2010
4. **Failure analysis of heat exchanger fluid vapor phase vent lines in a Polyester plant**
Engineering Failure Analysis, Volume 17, Issue 2, March 2010, Pages 447-454
5. **Corrosion failure analysis of spent caustic drainage line pipe**
Engineering Failure Analysis, Volume 17, Issue 1, January 2010, Pages 128-134
6. **Impeding corrosion of sintered NdFeB magnets with titanium nitride coating**
Materials and Corrosion 2010, 61, No. 2, Copyright © 2010 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim
7. **Failure Analysis of Water Pump Shaft**
Journal of Failure Analysis and Prevention, Volume 10, Number 2, 161-166, DOI: 10.1007/s11668-010-9332-0, @ ASM International 2010

2009

1. **Multilayer ceramic coating for impeding corrosion of sintered NdFeB magnets**

Journal of Rare Earths, Volume 27, Issue 6, December 2009, Pages 1003-1007

International Conferences (Peer Reviewed)

1. **Anti-Corrosion Behavior of Ni/Ti₂N Composite coated Sintered NdFeB permanent magnets**

18th International Corrosion Congress (ICC) Conference, Perth Convention Exhibition Centre, 20-24 November, 2011, Perth, Western Australia, Australia

2. **Surface morphology and electrochemical behavior of titanium nitride deposited NdFeB sintered magnets**

11th International Symposium on Advanced Materials (ISAM-2009), National Center for Physics, Quaid-e-Azam University Campus, Islamabad, Pakistan

National Publications

1. **Corrosion Inhibition Evaluation of Alpha- Beta Brass In Tap Water**

Journal of Pakistan Institute of Chemical Engineers, Vol. XXXVII, Page 67-70, ISSN 1813 – 4092
(HEC Recognized 'Y' category)

2. **Corrosion Protection Evaluation of Mild Steel Painted Surface by Electrochemical Impedance Spectroscopy**

Journal of Quality and Technology Management, Volume V, Issue 1 June, 2009, ISSN 1816-2185
(HEC Recognized 'X' category)

3. **Localize corrosion study of 316L bioimplant in simulated body fluids**

Engineering Horizon, Issue No. 275, Vol-XXIV, No.6, CPL-154, Page 27-31

4. **Characterization of Grade 316 Stainless Steel as a Biomaterial by Electrochemical Analysis**

Journal of Pakistan Engineering Congress (JPEC), 2010

5. **Failure of Crude Oil Heater Tubes**

Journal of the Pakistan Institute of Chemical Engineers, Volume 39, No. 1 (2011)
(HEC Recognized 'Y' category)

National Conferences/Proceedings

1. **Electrochemical & Metallurgical Characterization of 316L Stainless Steel Weldment in Physiological Solutions**

National Science Conference; Roadmap of Cutting Edge Technologies, Organized by Pakistan Academy of Sciences, January 10-12, 2012

2. Effect of Heat Treatment Cycles on Electrochemical behavior of Aluminum 2219

National Science Conference; Roadmap of Cutting Edge Technologies, Organized by Pakistan Academy of Sciences, January 10-12, 2012

3. Effect of Surface Profile on Electrochemical behavior of API X-70 in Simulated crude Oil Environment

National Science Conference; Roadmap of Cutting Edge Technologies, Organized by Pakistan Academy of Sciences, January 10-12, 2012

4. Corrosion of Alpha Brass in Plain Water in Sodium Benzoate Containing Inhibitor

3rd Symposium on Engineering Sciences, ICET, University of the Punjab, Lahore, 54590, Pakistan, 10th March 2010

5. Characterization of Intentional Sensitization in TIG-Welded AISI 316L Austenitic Stainless Steel

3rd Symposium on Engineering Sciences, ICET, University of the Punjab, Lahore, 54590, Pakistan, 10th March 2010

6. Corrosion Study of Alpha Brass in Plain Water and in the Aqueous Solution of Ethylene Glycol

Digital Innovation, International Conference & Exhibition (DICE), 2010, IST, Islamabad, Pakistan

7. Study of Medical Grade 316L Stainless Steel weldment in different simulated fluids

3rd Symposium on Engineering Sciences, ICET, University of the Punjab, Lahore, 54590, Pakistan, 10th March 2010

Invited Lectures

1. Basics of Electrochemical Impedance Spectroscopy; a tool for coating performance evaluation

Pakistani Chapter of National Association of Corrosion Engineers (NACE), Corrosion Control Centre on World Corrosion Awareness Day (24th April 2011) held at SNGPL, Lahore, Pakistan

2. Advance Electrochemical Techniques for Corrosion Testing

Corrosion & Corrosion Control Symposium 2011, October 27, 2011, University of the Punjab, Lahore, Pakistan