



Izzat Staff Publications and Lectures

- 03/09 "Durability Planning for Australian Seawater Desalination Plants"
W Green, G Moore and D Nicholas
Corrosion & Prevention 2009 Conference, Australasian Corrosion Association Inc., Coffs Harbour, NSW, 15-18 November 2009
- 02/09 "Concrete Coal Silos – Assessment, Remediation and Strengthening"
B Dockrill, W Green and G Cooke
Corrosion & Prevention 2009 Conference, Australasian Corrosion Association Inc., Coffs Harbour, NSW, 15-18 November 2009
- 01/09 "Durability Assessment, Design and Planning - Port Botany Expansion Project"
W Green, G Riordan, G Richardson and W Atkinson
Concrete Solutions 09, 24th Biennial Conference of the Concrete Institute of Australia, Luna Park, Sydney, 17-19 September 2009
- 01/06 "Risk Management – A Consultants Approach to Risk in Repair and Refurbishment Projects"
T Womack and B. Eliasson
Corrosion & Prevention 2006 Conference, Australasian Corrosion Association Inc, Hobart, TAS 19-22 November 2006
- 02/05 "Corrosion Rates in a Fertilizer Plant and the Structural Failure of a Corroded Conveyor Gantry in a Fertilizer Plant"
B Dockrill and R Jeffrey
Corrosion and Prevention Conference 2005 Conference, Australasian Corrosion Association Inc, Gold Coast, 20-23 November 2005
- 01/05 "Relationship between Corrosion Coupons and Structural Failure of a Corroded Conveyor Gantry in a Fertilizer Plant"
B Dockrill
Australasian Structural Engineering Conference, Newcastle, NSW, 11-14 September 2005
- 01/04 "Some Aspects of Design For Service Life"
H T Cao, D R Moorehead, B R Eliasson and C M Roberts
International Conference on Building Envelope Systems and Technology Sydney NSW, 29 March - 2 April 2004
- 02/03 "Structural Failure of a Corroded Conveyor Gantry in a Fertilizer Plant"
B Dockrill
Corrosion Control & NDT Conference, Australasian Corrosion Association Inc and Australian Institute of Non-Destructive Testing, Melbourne 24 - 26 November 2003.
- 01/03 "Changes in Repair and Protection of Reinforced Concrete"
W K Green
Corrosion & Materials, Vol 28, No 4, pp 8 & 9, August 2003





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- 01/02 "Corrosion Assessment System for Structures within a Fertilizer Plant"
B Dockrill
Corrosion and Prevention Conference 02 Conference, Australasian Corrosion Association Inc,
Adelaide, 10-13 November 2002.
- 05/01 "Lynch's Bridge – A Case Study in the Cathodic Protection of Reinforced Concrete"
W Green , F Andrews-Phaedonos, G Brewster and D McCormick
Corrosion & Prevention 01 Conference,
Australasian Corrosion Association Inc., Newcastle, 18-21 November 2001
- 04/01 "Australasian Experiences with Cathodic Protection of Concrete Marine Structures"
W K Green
Coasts & Ports 2001, 15th Australasian Coastal and Ocean Engineering Conference and 8th
Australasian Port and Harbour Conference, Marriott Resort, Gold Coast, Queensland,
25-28 September 2001
- 03/01 "Sacrificial Cathodic Protection of Reinforced and Prestressed Concrete Structures Using a Thermally
Sprayed Aluminium Alloy"
W K Green & S F Daily
Concrete 2001 Conference, Concrete Institute of Australia, Perth, 11-14 September 2001
- 02/01 "Corrosion Monitoring and Cathodic Prevention to Achieve Durable Concrete Structures in Chloride
Environments"
W K Green
Cathodic Protection of Concrete Structures Seminar, Corpro Companies (NZ) Ltd, Wellington,
New Plymouth, Auckland, 2, 3 & 5 April 2001
- 01/01 "Australasian Experiences with Cathodic Protection of Concrete Structures"
W K Green
Cathodic Protection of Concrete Structures Seminar, Corpro Companies (NZ) Ltd, Wellington, New
Plymouth, Auckland, 2, 3 & 5 April 2001
- 01/00 "Non-Destructive Determination of the Sheet Resistance of Conductive Coating Anodes on Concrete"
G K Glass, S N Field and W K Green
Anti-Corrosion and Materials, Vol. 47, No. 1, pp 5-10, 2000
- 03/99 "A Review of Concrete Corrosion Inhibitors"
A M Peek, M G Ali and W K Green
Corrosion and Prevention 99 Conference, Australasian Corrosion Association Inc., Sydney,
22-24 November 1999
(Australasian Corrosion Association 2000 David Whitby Review Paper Award winner)
- 02/99 "Five Year Performance of a Wharf Concrete Cathodic Protection System in Australia"
W K Green , M G Ali and R W McGee
The Arabian Journal for Science and Engineering, Vol. 24, No. 2B, pp 229-242, October 1999



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- 01/99 "Ulladulla Harbour Fisherman's Jetty Installation and Performance of a Concrete Cathodic Protection System"
M G Ali, W K Green and T Young
Coasts & Ports '99, 14th Australasian Coastal and Ocean Engineering Conference and 7th Australasian Port and Harbour Conference, Perth, 14-16 April 1999
- 03/98 "Performance Assessment of Chloride Barrier Coatings for Concrete in Marine and/or Saline Environments"
A M Peek, W K Green, F Andrews-Phaedonos and D J Payne
Corrosion and Prevention 98 Conference, Australasian Corrosion Association Inc., Hobart, 23-25 November 1998
- 02/98 "Five Year Performance of the Grassy Wharf Concrete Cathodic Protection System"
R W McGee, W K Green and M G Ali
Australian Journal of Structural Engineering, Vol. SEI, No. 1, pp 57-65, 1998
- 01/98 "Condition Assessment and Maintenance of Wharf Facilities within Newcastle Harbour"
D J Layzell, M J Moore, M G Ali and W K Green
2nd RILEM Conference on Rehabilitation of Structures, Melbourne, 21-23 September, 1998
- 03/97 "Assessment of Protective Coatings for Concrete Bridges in Marine or Saline Environments"
F Andrews-Phaedonos, F G Collins, W K Green and A M Peek
Corrosion and Prevention 97 Conference, Australasian Corrosion Association, Brisbane, 9-12 November 1997 (Australasian Corrosion Association 1998 Arthur C Kennett Award winning paper)
- 02/97 "General Theory and Trials of Electrochemical Realkalisation and Desalination Repair Systems"
W K Green
Concrete Institute of Australia Technical Meetings, Sydney, 23 April, Brisbane, 1 May, 1997
- 01/97 "Grassy Wharf Five Years On - The Performance of a Cathodic Protection System"
R W McGee, W K Green and M G Ali
Concrete 97 Conference, Concrete Institute of Australia, Adelaide, 14-16 May, 1997
- 04/96 "Engineered Maintenance of Civil Port Structures"
F Collins, W K Green and G Spiliopoulos
Australian Civil/Structural Engineering Transactions, Vol. CE38, No. 2, 3 & 4, pp 59-64, 1996
- 03/96 "Influence of Surface Treatments on Reinforcement Corrosion Rates in a Carbonated Building in Western Australia"
W K Green, A M Peek and P W Trinder
13th International Corrosion Congress, Melbourne, 25-29 November, 1996
- 02/96 "Assessment and Management of a Marine Structure Affected by ASR"
M J Davies, W R Grace, W K Green and F G Collins
10th International Conference on AAR in Concrete, Melbourne, 19-23 August, 1996



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- 01/96 "Alkali-Aggregate Reaction in Australia"
A Shayan, W K Green and F G Collins
10th International Conference on AAR in Concrete, Melbourne, 19-23 August, 1996
- 06/95 "Testing of Anticarbonation Coatings for Concrete"
A M Peek and W K Green
Concrete in Australia, Vol. 21, No. 4, December 1995
- 05/95 "Recent Developments in Cathodic Protection Systems for Reinforced Concrete"
J P Grapiglia and W K Green
Corrosion & Prevention 95 Conference, Australasian Corrosion Association,
Perth, 12-15 November 1995
- 04/95 "Engineered Maintenance of Civil Port Structures"
F Collins, W Green and G Spiliopoulos
12th Australasian Coastal & Engineering Conference and the 5th Port & Harbour Conference,
The Carlton Radisson Hotel, Melbourne, 28 May-2 June 1995
(1995 PIANC Young Author Award winning paper)
- 03/95 "Recent Developments in Cathodic Protection Systems"
M A Nahas and W K Green
Concrete Institute of Australia, WA Branch, Annual Technology Seminar
"What's New in Concrete", Perth, WA, May 1995
- 02/95 "Water Permeability Testing of Concrete"
F G Collins and W K Green
Concrete in Australia, Vol 21, No 1, April 1995
- 01/95 "Long Term Performance of a Conductive Coating Cathodic Protection System on a
Reinforced Concrete Structure in WA"
W K Green , M A Nahas and J P Grapiglia
Corrosion Australasia, Vol 20, No 1, pp 10-13, February 1995
(Australasian Corrosion Association 1995 Arthur C Kennett Award winning paper)
- 05/94 "Testing and Modelling to Assess Early Age Thermal Cracking Risk"
F G Collins & W K Green
Concrete in Australia, Vol 20, No 4, December 1994
- 04/94 "Chloride Ion Resistance Testing"
W K Green & F G Collins
Concrete in Australia, Vol 20, No 3, September 1994
- 03/94 "Reinforcement Corrosion Rate by the Polarisation Resistance Technique"
W K Green & J P Grapiglia
Concrete in Australia, Vol 20, No 2, June 1994



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- 02/94 "Design and Specification of Durable Concrete"
W K Green
Concrete Institute of Australia (WA Branch) and Institute of Engineers Australia (SW Group) Joint Seminar, High Performance Concrete, Bunbury, WA, 27 May 1994
- 01/94 "Electrochemical Potential Measurements of Steel in Concrete"
W K Green & F G Collins
Concrete in Australia, Vol 20, No 1, April 1994
- 01/93 "Electrochemical Changes in Chloride - Contaminated Reinforced Concrete Following Cathodic Polarisation"
W K Green , S B Lyon and J D Scantlebury
Corrosion Science, Vol 35, Nos 5-8, pp 1627-1631, 1993
- 05/92 "Slag, Silica Fume and Fly Ash in WA - A Review"
W R Grace & W K Green
Cement and Concrete Association Seminar, "Concrete Performance The Role of Blended Cements", Perth, WA, 29 September 1992
- 03/92 "The Performance of Cathodic Protection Systems on Reinforced Concrete Structures in Hot Climates"
W K Green, D C Pocock and S P Lee
3rd International RILEM Conference, Concrete in Hot Climates, Torquay, UK, 21-24 September 1992
- 02/92 "Performance Related Evaluation of Cathodic Protection Systems Applied to RC Structures"
W K Green and J D Slatter
RILEM/CSIRO/ACRA Conference, Rehabilitation of Concrete Structures, Melbourne, 31 August - 2 September 1992
- 01/92 "New Mechanism for Concrete Deterioration"
W R Grace and W K Green
Engineers Australia, 12th June 1992
- 05/91 "Large Range of Geotextiles Made for Roads and Other Uses".
B. Eliasson and R Timmins Construction Australia, October 1991
- 04/91 "Long Term Performance of Cathodic Protection Systems on Reinforced Concrete Structures"
G K Glass, W K Green and J R Chadwick
UK Corrosion 91 Conference, Manchester, 22-24 October 1991
- 03/91 "Practical Aspects of Concrete Repair and Cathodic Protection"
W K Green & D C Pocock
The Corrosion of Steel in Concrete COMETT Course, University of Oxford, 25-27 September 1991



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- 02/91 "Electrochemical Rehabilitation of Concrete: Chloride Extraction and Realkalisation"
W K Green & K W J Treadaway
The Corrosion of Steel in Concrete COMETT Course, University of Oxford, 25-27 September 1991
- 01/91 "Performance Related Evaluation of Cathodic Protection Criteria for Reinforced Concrete Structures"
G K Glass, W K Green and J R Chadwick
32nd Corrosion Science Symposium, UMIST, Manchester, 18-20 September 1991
- 03/90 "Deterioration of Concrete Due to Exposure to Ammonium Sulphate"
F G Collins and W K Green
'Concrete for the Nineties' Conference, Leura, NSW, September 1990
- 02/90 "Laboratory Evaluation Testing of Repair Materials and Protective Coatings"
W K Green
Polymers and Building Technology Seminar, WA Branch, Royal Australian Chemical Institute, Perth, WA, April 1990
- 01/90 "Reinforcement Corrosion, Repair Materials and Protective Coatings"
W K Green
Polymers and Building Technology Seminar, WA Branch, Royal Australian Chemical Institute, Perth, WA, April 1990
- 02/88 "Measurement of Steel Corrosion Rates in Concrete"
H C Hughes and H G Linge & W K Green
Conference 28, Australasian Corrosion Association, Perth, WA, November 1988
- 01/88 "Evaluation of Coatings as Carbonation Barriers for Reinforced Concrete"
W K Green
Conference 28, Australasian Corrosion Association, Perth, WA, November 1988
- 01/84 "Concrete Penetrability"
F Papworth and W K Green
Paper presented to the Concrete Panel, Western Australian Institute of Engineers, Perth, WA, 1987

