

ACA Queensland - STANDARDS OFFICER'S REPORT No 2 – August 2008

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As previously I have used SAI Global at <http://www.saiglobal.com> using the key word groups as shown below. For this report I have listed all standards, amendments and drafts for AS, AS/NZS, EN, ANSI, ASTM, BSI, DIN, ETSI, JSA, NSAI and standards and amendments for ISO & IEC published from 15 May 2008 to 19 August 2008

In summary the results are as follows:

- 11 new AS/NZS standard publications, relating to Paints for Steel Structures including AS/NZS 3750.0:2008 Paints for steel structures - Introduction and list of Standards
- 1 new AS standard - AS 2309-2008 Durability of galvanized and electrogalvanized zinc coatings for the protection of steel in structural applications – Atmospheric.
- No other AS or AS/NZS standards, drafts or amendments during this period.

See the attached list for details.

Regards

Arthur Austin
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STANDARDS FOR AS, AS/NZS, EN, ANSI, ASTM, BSI, DIN, ETSI, JSA, NSAI AND ISO & IEC PUBLISHED from 15 May 2008 to 19 August 2008

Key word search on 'corrosion' or 'corrosivity' - 35 Standard Publications found

- I.S. EN ISO 10270:2008 Corrosion of Metals and Alloys - Aqueous Corrosion Testing of Zirconium Alloys for use in Nuclear Power Reactors
- I.S. EN ISO 11303:2008 Corrosion of Metals and Alloys - Guidelines for Selection of Protection Methods Against Atmospheric Corrosion
- I.S. EN ISO 11463:2008 Corrosion of Metals and Alloys - Evaluation of Pitting Corrosion
- I.S. EN ISO 11782-1:2008 Corrosion of Metals and Alloys - Corrosion Fatigue Testing - Part 1: Cycles to Failure Testing
- I.S. EN ISO 11782-2:2008 Corrosion of Metals and Alloys - Corrosion Fatigue Testing - Part 2: Crack Propagation Testing Using Pre-cracked Specimens
- I.S. EN ISO 11844-1:2008 Corrosion of Metals and Alloys - Classification of low Corrosivity of Indoor Atmospheres - Part 1: Determination and Estimation of Indoor Corrosivity
- I.S. EN ISO 11844-2:2008 Corrosion of Metals and Alloys - Classification of low Corrosivity of Indoor Atmospheres - Part 2: Determination of Corrosion Attack in Indoor Atmospheres
- I.S. EN ISO 11844-3:2008 Corrosion of Metals and Alloys - Classification of low Corrosivity of Indoor Atmospheres - Part 3: Measurement of Environmental Parameters Affecting Indoor Corrosivity
- I.S. EN ISO 11846:2008 Corrosion of Metals and Alloys - Determination of Resistance to Intergranular Corrosion of Solution Heat-treatable Aluminium Alloys
- I.S. EN ISO 12732:2008 Corrosion of Metals and Alloys - Electrochemical Potentiokinetic Reactivation Measurement Using the Double Loop Method (based on Cihal's Method)
- I.S. EN ISO 15324:2008 Corrosion of Metals and Alloys - Evaluation of Stress Corrosion Cracking by the Drop Evaporation Test
- I.S. EN ISO 15329:2008 Corrosion of Metals and Alloys - Anodic Test for Evaluation of Intergranular Corrosion Susceptibility of Heat-treatable Aluminium Alloys
- I.S. EN ISO 16151:2008 Corrosion of Metals and Alloys - Accelerated Cyclic Tests With Exposure to Acidified Salt Spray, "dry" and "wet" Conditions
- I.S. EN ISO 16701:2008 Corrosion of Metals and Alloys - Corrosion in Artificial Atmosphere - Accelerated Corrosion Test Involving Exposure Under Controlled Conditions of Humidity Cycling and Intermittent Spraying of a Salt Solution
- I.S. EN ISO 16784-1:2008 Corrosion of Metals and Alloys - Corrosion and Fouling in Industrial Cooling Water Systems - Part 1: Guidelines for Conducting Pilot-scale Evaluation of Corrosion and Fouling Control Additives for Open Recirculating Cooling Water Systems
- I.S. EN ISO 16784-2:2008 Corrosion of Metals and Alloys - Corrosion and Fouling in Industrial Cooling Water Systems - Part 2: Evaluation of the Performance of Cooling Water Treatment Programmes Using a Pilot-scale Test rig
- I.S. EN ISO 17475:2008 Corrosion of Metals and Alloys - Electrochemical Test Methods - Guidelines for Conducting Potentiostatic and Potentiodynamic Polarization Measurements
- I.S. EN ISO 17864:2008 Corrosion of Metals and Alloys - Determination of the Critical Pitting Temperature Under Potentiostatic Control
- I.S. EN ISO 21227-4:2008 Paints and Varnishes - Evaluation of Defects on Coated Surfaces Using Optical Imaging - Part 4: Evaluation of Filiform Corrosion
- I.S. EN 2898:2008 Aerospace Series - Corrosion and Heat Resisting Steel Rivets - Technical Specification

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I.S. EN 4075:2008 Aerospace Series - Screws, pan Head, Offset Cruciform Recess, Threaded to Head, in Corrosion Resisting Steel, Passivated - Classification: 490 mpa (at Ambient Temperature)/425 Degrees c

I.S. EN ISO 7539-8:2008 Corrosion of Metals and Alloys - Stress Corrosion Testing - Part 8: Preparation and use of Specimens to Evaluate Weldments

I.S. EN ISO 7539-9:2008 Corrosion of Metals and Alloys - Stress Corrosion Testing - Part 9: Preparation and use of Pre-cracked Specimens for Tests Under Rising Load or Rising Displacement

BS ISO 21207:2004 Corrosion tests in artificial atmospheres. Accelerated corrosion tests involving alternate exposure to corrosion-promoting gases, neutral salt-spray and drying

BS EN ISO 21227-4:2008 Paints and varnishes. Evaluation of defects on coated surfaces using optical imaging. Evaluation of filiform corrosion

JIS K 6766:2008 Pinhole test method of lined films for corrosion prevention

DIN EN ISO 12732 (2008-07) Corrosion of metals and alloys - Electrochemical potentiokinetic reactivation measurement using the double loop method (based on Cihal's method) (ISO 12732:2006)

DIN EN ISO 15324 (2008-07) Corrosion of metals and alloys - Evaluation of stress corrosion cracking by the drop evaporation test (ISO 15324:2000)

DIN EN ISO 15329 (2008-07) Corrosion of metals and alloys - Anodic test for evaluation of intergranular corrosion susceptibility of heat-treatable aluminium alloys (ISO 15329:2006)

DIN EN ISO 16151 (2008-07) Corrosion of metals and alloys - Accelerated cyclic tests with exposure to acidified salt spray, "dry" and "wet" conditions (ISO 16151:2)

DIN EN ISO 16784-1 (2008-07) Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 1: Guidelines for conducting pilot-scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems (ISO 16784-1:2006)

DIN EN ISO 16784-2 (2008-07) Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 2: Evaluation of the performance of cooling water treatment programmes using a pilot-scale test rig (ISO 16784-2:2006)

DIN EN ISO 17475 (2008-07) Corrosion of metals and alloys - Electrochemical test methods - Guidelines for conducting potentiostatic and potentiodynamic polarization measurements (ISO 17475:2005+Cor. 1:2006)

DIN EN ISO 17864 (2008-07) Corrosion of metals and alloys - Determination of the critical pitting temperature under potentiostatic control (ISO 17864:2005)

DIN EN ISO 21227-4 (2008-06) Paints and varnishes - Evaluation of defects on coated surfaces using optical imaging - Part 4: Evaluation of filiform corrosion (ISO 21227-4:2008)

Key word search on 'paint' – 20 Standard Publications found

AS/NZS 3750.0:2008 Paints for steel structures - Introduction and list of Standards

AS/NZS 3750.1:2008 Paints for steel structures - Epoxy mastic (two-pack) - For rusted steel

AS 3750.10-2008 Paints for steel structures - Full gloss epoxy (two-pack)

AS/NZS 3750.19:2008 Paints for steel structures - Metal primer - General purpose

AS/NZS 3750.2:2008 Paints for steel structures - Ultra high-build paint

AS/NZS 3750.20:2008 Paints for steel structures - Anticorrosive metal primer - Solvent-borne - Lead and chromate free

AS/NZS 3750.21:2008 Paints for steel structures - Undercoat - Solvent-borne

AS/NZS 3750.22:2008 Paints for steel structures - Full gloss enamel - Solvent-borne

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AS/NZS 3750.23:2008 Paints for steel structures - Semi-gloss enamel - Solvent-borne

AS/NZS 3750.3:2008 Paints for steel structures - Heat resisting - Exterior

AS/NZS 3750.5:2008 Paints for steel structures - Acrylic full gloss (two-pack)

ISO 13885-1:2008 Binders for paints and varnishes - Gel permeation chromatography (GPC) - Part 1: Tetrahydrofuran (THF) as eluent

ISO 15181-4:2008 Paints and varnishes - Determination of release rate of biocides from antifouling paints - Part 4: Determination of pyridine-triphenylborane (PTPB) concentration in the extract and calculation of the release rate

I.S. EN ISO 15181-5:2008 Paints and Varnishes - Determination of Release Rate of Biocides From Antifouling Paints - Part 5: Calculation of the Tolyfluanid and Dichlofluanid Release Rate by Determination of the Concentration of Dimethyltolylsulfamide (dmst) and Dimethylphenylsulfamide (dmsa) in the Extract

I.S. EN ISO 21227-4:2008 Paints and Varnishes - Evaluation of Defects on Coated Surfaces Using Optical Imaging - Part 4: Evaluation of Filiform Corrosion

BS EN ISO 17132:2007 Paints and varnishes. T-bend test

BS EN ISO 21227-4:2008 Paints and varnishes. Evaluation of defects on coated surfaces using optical imaging. Evaluation of filiform corrosion

JIS K 5674:2008 Lead-free, Chromium-free anticorrosive paints

DIN EN ISO 21227-4 (2008-06) Paints and varnishes - Evaluation of defects on coated surfaces using optical imaging - Part 4: Evaluation of filiform corrosion (ISO 21227-4:2008)

DIN EN ISO 3251 (2008-06)
Paints, varnishes and plastics - Determination of non-volatile-matter content (ISO 3251:2008)

Key word search on 'galvanize' or 'galvanized' or galvanizing' - 2 Standard Publications found

AS 2309-2008 Durability of galvanized and electrogalvanized zinc coatings for the protection of steel in structural applications - Atmospheric

ISO 10684:2004/Cor 1:2008 Fasteners - Hot dip galvanized coatings - Technical Corrigendum 1

Key word search on 'electrochemical' - 6 Standard Publications found – 4 already included under 'corrosion' key word search

I.S. EN ISO 12732:2008 Corrosion of Metals and Alloys - Electrochemical Potentiokinetic Reactivation Measurement Using the Double Loop Method (based on Cihal's Method)

I.S. EN ISO 17081:2008 Method of Measurement of Hydrogen Permeation and Determination of Hydrogen Uptake and Transport in Metals by an Electrochemical Technique

I.S. EN ISO 17475:2008 Corrosion of Metals and Alloys - Electrochemical Test Methods - Guidelines for Conducting Potentiostatic and Potentiodynamic Polarization Measurements

DIN EN ISO 12732 (2008-07) Corrosion of metals and alloys - Electrochemical potentiokinetic reactivation measurement using the double loop method (based on Cihal's method) (ISO 12732:2006)

DIN EN ISO 17081 (2008-07) Method of measurement of hydrogen permeation and determination of hydrogen uptake and transport in metals by an electrochemical technique (ISO 17081:2004)

DIN EN ISO 17475 (2008-07) Corrosion of metals and alloys - Electrochemical test methods - Guidelines for conducting potentiostatic and potentiodynamic polarization measurements (ISO 17475:2005+Cor. 1:2006)

Key word search on 'electrolysis' – 1 Standard Publications found

ISO 22734-1:2008 Hydrogen generators using water electrolysis process - Part 1: Industrial and commercial applications

Key word search on 'cathode' or 'cathodic' - 0 Standard Publications found

Key word search on 'anode' or 'anodes' or 'anodic' – 2 Standard Publications found – 2 already included under 'corrosion' key word search

I.S. EN ISO 15329:2008 Corrosion of Metals and Alloys - Anodic Test for Evaluation of Intergranular Corrosion Susceptibility of Heat-treatable Aluminium Alloys

DIN EN ISO 15329 (2008-07) Corrosion of metals and alloys - Anodic test for evaluation of intergranular corrosion susceptibility of heat-treatable aluminium alloys (ISO 15329:2006)

Key word search on 'corrosion' and 'concrete' - 0 Standard Publications found

AMENDMENTS and Drafts to AS, AS/NZS, EN, ANSI, ASTM, BSI, DIN, ETSI, JSA, NSAI, ISO & IEC PUBLISHED from 15 May 2008 to 19 August 2008

Key word search on 'corrosion' or 'corrosivity' - 0 Amendment Publications found

ISO/FDIS 13680 Petroleum and natural gas industries - Corrosion-resistant alloy seamless tubes for use as casing, tubing and coupling stock - Technical delivery conditions

ISO/FDIS 8168 Aerospace - Bolts, with MJ threads, made of heat and corrosion resisting steel, strength class 1 100 MPa - Procurement specification

08/30178678 DC BS 2SP 90. Specification for corrosion-resisting steel split cotter pins for aircraft. Inch series

Key word search on 'paint' – 3 Amendment Publications found

ISO/DIS 10890

Paints and varnishes - Modelling of biocide release rate from antifouling paints by mass-balance calculation

08/30169246 DC BS 7079. General introduction to standards for preparation of steel substrates before application of paints and related products

08/30169958 DC BS 4800. Schedule of paint colours for building purposes

Key word search on 'galvanize' or 'galvanized' or galvanizing' - 0 Amendment Publications found

Key word search on 'electrochemical' - 0 Amendment Publications found

Key word search on 'electrolysis' - 0 Amendment Publications found

Key word search on 'cathode' or 'cathodic' - 0 Amendment Publications found

Key word search on 'anode' or 'anodes' or 'anodic' – 0 Amendment Publications found

Key word search on 'corrosion' and 'concrete' - 0 Amendment Publications found



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