

IMFormation August 2011

ENERGY EFFICIENCY ADVISOR

The Energy Efficiency Advisor is a web-based tool designed to assist companies in these sectors to reduce energy use and costs by analysing, understanding and improving the efficiency of the energy using processes.

The toolkit is specifically targeted at the relevant industry sectors and enables users to reduce energy consumption, reduce costs and make informed decisions on investments. Supported by Intelligent Energy Europe, the advisor toolkit is provided free of charge by Project SURFENERGY.

The Energy Efficiency Tool is the main component of the Advisor and is downloaded as a spreadsheet. It is designed to assist companies in the analysis of their energy and cost performance to enable forecasts on future energy use, thus providing comparisons between business as usual and potential scenarios which could be achieved through the implementation of energy saving techniques.

The Tool requires companies to enter detailed data to produce future energy use forecasts with the main aim of improving energy performance. It also provides a calculation, enabling purchasing decisions to be made on new equipment. Other features include:

- Setting up an Energy Management System
- Energy Auditing Requirements
- Measure lists and Key Performance Indicators
- Benchmarking Tool
- Investment Guide

Additional information on Energy Saving Opportunities include:

- Technology Intelligence and Roadmap
- Best Practice Guide
- Benchmarking Methodology
- Ideal Factory Priorities
- Life Cycle Assessment Technologies

The Advisor Tool can be found on the SURFACENERGY web site: www.surfenergy.eu or for the UK Contact Point (the Surfenergy project co-ordinator at C-Tech Innovation) web site: www.ctechinnovation.com

They are an independently owned SME, providing research and development services, commercialisation of innovative new products and a multi-disciplinary consultative service.

Health, Safety & Environment

1. A company was prosecuted by a joint case brought by the HSE and the Environment Agency.

The company attempted to mix 22 kg of sodium cyanide pellets with hydrogen peroxide to

make them less toxic thus attempting to avoid paying a licensed hazardous waste company to dispose of the pellets.

An explosion occurred and an employee was drenched with a hot, toxic chemical solution resulting in burns to his arms and chest. The company was fined £12,000 with £14,000 costs.

2. A person was spray-painting in a shed and accidentally spilled thinners on his trousers. As he walked across the shed to change, he walked near to a gas burner, being used to heat the workshop, his clothes caught fire and he suffered burns to both his arm and hand, resulting in him being hospitalised for 16 days.

The Company was fined £20,000 with £6,329 costs.

Company News and Products

Copper Development Association

Antimicrobial Copper Reduces Infection Risk. Results presented at World Health Organisation's infection prevention conference by Dr Michael Schmidt from a comprehensive multi-site clinical trial in the US demonstrated the use of antimicrobial copper surface in intensive care unit rooms resulted in a 40% reduction in the risk of acquiring a hospital infection. This is the first time a reduction in infection risk has been reported in a copper trial.

For further information, please contact:

angela.vessey@copperdev.org.uk

Anopol Limited

Anopol march into China. In May a first ever export order to China was received for 18,000 kg of electropolishing solution for stainless steel, with the probability of supplying further consignments before the end of 2011.

Anopol are pleased to announce the appointment of David Cass as Managing Director of Anopol in Birmingham.

John Swain is now Chairman and director of both of the Anopol companies.

Zircotec

Advanced Zircotec coatings cools Aston Martin V12 Zagatos at Nürburgring 24 Hours. The use of Zircotec's coating enabled the racing car to stay cool at this epic 24 hour race and proved to be a highly effective, durable yet light-weight method of reducing the underbonnet temperatures at the 25km Nordschleife track.

Zircotec offers a wide range of plasma sprayed ceramic and metallic coatings that protect components against the effect of heat, wear, abrasion and corrosion. Lightweight and easily packaged, it can be applied to a broad range of different materials including metals and composites.

For further information see website: www.zircotec.com

Chemical Hazards Communication Society (CHCS)

The Society is holding a one-day event as part of their training scheme entitled:

Understanding Exposure Scenarios

Tuesday 13th September 2011

Bewleys Hotel, Outwood Lane

Manchester Airport M90 4HL

Start 9.30, Close 16.15



The course aims to cover the basic principles of exposure assessment, dealing with the technical concepts and linking in with regulatory requirements. It is designed for those involved in chemical safety assessment and communication, within the context of product stewardship and with particular focus on the supply regulations, including REACH.

For further information Tel: 0844 636 2428

Automotive Industry & REACH

The Automotive Industry has issued Version 3 of its Guideline on REACH (AIG) published by the task force (TF-REACH) on 8th July, formed by representatives of all major vehicle manufacturers and the automotive supply chain. The TFRREACH recommends a common schedule and external communication strategy which will harmonise the sector's response to REACH and avoid the duplication and confusion by taking into consideration the industry's specific criteria and tools. Version 3 is more comprehensive, providing recommendations on numerous aspects of the REACH Regulation. Beside a new chapter on CLP Notification, Version 3 contains advice regarding the Notification of Substances in Articles, Authorisation and Restriction procedures as well as downstream users' obligations in regard to Safety Data Sheets, a new chapter on Waste as well as sector recommendations on how to prepare for REACH EN-FORCE audits

The AIG will be translated into Chinese, French, German, Japanese and Korean, so as to assist the global automotive supply chain in understanding their REACH obligations while also providing useful recommendations.

For more information and to download a free Version 3 of the AIG see www.acea.be/reach

IMF News

New Members & Transfers

Student

Jiang, Han)

Sialvi, Muhammed) Loughborough Uni.

Stuttle, Christopher)

Affiliate

Churchill, Ronald Interplex PMP Ltd

Dunn, John TMD Technologies

Jones, Mark Martec Ltd

Kirkpatrick, Robert Interplex PMP Ltd

Mason, Liam Daido Ltd

Milne, Derek Interplex PMP Ltd

Ryder, Karl University of Leicester

Sollay, Matthew Eaton Aerospace Ltd

Smith, Emma University of Leicester

Warner, Christopher AEM Ltd

Member (MIMF)

Hoodless, Roger BAE Systems

Examination Results



Foundation Certificate (Distance Learning)

French, Alexander * Aerofin Laboratories Ltd
Halliday, Martin * H C Starck
Mayfield, Jonathan # M P Eastern Ltd
McGarvey, Eamon * M P Eastern Ltd
McKinnon, Mark # Morgan Technical Cer.
Purcell, Elaine # M P Eastern Ltd
Whittaker, Thomas # Sandwell UK Ltd

Foundation Certificate (Tutored Course)

Arnold, Christopher)
Gawronski, Damian)
Hill, Kevin #)
Hughes, Brian) Abbey Metal Finishing
Jones, Martin) Hinckley
King, Roi *)
Moules, Angela)
Perry, Phillip *)

Principles of Electroplating

Ahmed, Hossam # Jacob Delafon (Egypt)
Electroplating Practice (Tutored Course)
Alder, Ashley #)
Holder, Colin)
Hughes, Neil #)
Murphy, Iain) Messier-Bugatti-Dowty
Sealey, Andrew)
Turner, James)
Wilkins, Dean #)

The above have also been awarded the Technician Certificate having previously passed the Principles of Electroplating course

* Pass with merit # Pass with distinction

New Sustaining Members

ITW Industrial Finishing

Ringwood Road, Bournemouth
Dorset BH1 9LH
Tel: 01202 596 234, Fax: 01202 573488
Email: abirch@itwifeuro.com
Web: www.itwifeuro.com

ITW (formerly Binks Devilbiss Ransburg) manufacture spray finishing equipment for the application and supply of sprayed materials for all major manufacturing industries and markets.

Change of Sustaining Member addresses

Altimus Ltd Suite 14, Wellesbourne House Walton Road, Wellesbourne Warwickshire
CV35 9JB Tel: 0845 371 2705. Fax: 01789 842237 Email: rob.edmonds@altimus.com



Representing finishing professionals in
surface engineering and coatings
since 1925



Institute of Corrosion

The Newton Building
St George's Avenue
Northampton NN2 6JB
Tel: 01928 734996
Contact: Dr Jane Lomas-Hon Secretary
Email: amteccorrosion@hotmail.com

IMF events

Irish Branch

The Branch is holding a seminar on:
Energy Efficiency in Surface Finishing and Manufacturing
Wednesday 14 September 2011

To be held at:

FG Wilson Engineering
370 Doagh Road, BT36 6XL
Monkstown, Co. Antrim, UK

The aim of the seminar is to lower the impact of increasing energy prices through energy efficiency by the promotion of savings on gas, electricity and fuel without compromising productivity and existing standards/quality. Real case studies will be presented by leading professionals in the surface finishing and manufacturing field.

For further information and to reserve a place, contact:

Ann Hopper Tel: 003523 86 2544166,
or email: ann.hopper@dit.ie

Southern Branch

The Branch are proposing to hold a symposium on:

Health and Chemical Safety
Wednesday 3rd November 2011 at

ITT Canon,
Jays Close, Viabes Industrial Estate
Basingstoke, RG22 4BA

Details: Clive Arnold 02392 226128
or email: clive.arnold@baesystems.com

Senior Members Meeting

Wednesday 14 September 2011

At Exeter House 12.00-12.30 for Buffet Lunch to be followed by a talk by Dr Joe Edwards, entitled "Letters from Korea".

Please email: karen@materialsfinishing.org of your intention to attend.