

SMART GROUP 25TH ANNIVERSARY SEMINAR

ENVIRONMENTAL SESSION – PRACTICAL STEPS DISCUSSION

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SMART



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PRACTICAL STEPS: USE TRADE BODY RESOURCES

- SMART Group
 - Website
 - SMART-E-Link forum
 - Seminars
 - Workshops
 - In-house Training



SMART Group 25TH ANNIVERSARY

Home Statement of Aims Committee Technology Industry Links Contact

smart-e-link newsletter jargon buster in-house training Intelligent search...

The SMART Group

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News

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Surveys

How do you choose your solder paste?

- Price
- Availability
- Suppliers recommendation
- Customer's specification
- Practical evaluation
- Published reports

Vote Results

Featured Defect

Diary

- 22.10.2009 | 09.30 SMART Group 25th Anniversary Semin...
- 17.11.2009 | 09.30 High End Technology Printed Circui...
- 08.12.2009 | 09.30 Road to Zero Defects - Screen Prin...

view all

Last Updated (Friday, 21 November 2008)

Username Password Login Lost Password?

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GEN3 SYSTEMS GOPEL electronics kirsten PROCESS SUPPORT PRODUCTS X1 TAG

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PRACTICAL STEPS: OTHER TRADE BODIES



- For example:
 - IPC
 - IABM (International Association of Broadcast Manufacturers)
 - iNEMI (International Electronics Manufacturing Initiative)
 - NEMA (National Electrical Manufacturers Association - USA)
 - UK Electronics Alliance (UKEA)
 - COG (Components Obsolescence Group)
 - GAMBICA (Instrumentation, Control, Automation and Laboratory Technologies)
 - etc.
 - EKTN (Electronics Knowledge Transfer Network – UK)
 - Electronics Regulatory Group – quarterly meeting with BIS

PRACTICAL STEPS: SOURCES OF INFORMATION ON LEGISLATION (1)



- Commercial Subscription Examples
 - Environmental Data Services
<http://www.ends.co.uk>
 - Croner
<http://www.croner.co.uk>
 - Barbour
<http://www.barbour.info>
 - InfoERA (Cobham Technical Services)
http://www.era.co.uk/Services/info_regulatory_compliance.asp

PRACTICAL STEPS: SOURCES OF INFORMATION ON LEGISLATION (2)



- UK Government websites
 - Environment Agency
<http://www.environment-agency.gov.uk/business/default.aspx>
 - NetRegs
<http://www.netregs.gov.uk/>
 - DEFRA
<http://www.defra.gov.uk/environment/policy/index.htm>
 - BIS (was BERR, was DTI)
<http://www.bis.gov.uk/>
 - OPSI
http://www.opsi.gov.uk/legislation/about_legislation
 - Envirowise
<http://www.envirowise.gov.uk/>

PRACTICAL STEPS: SOURCES OF INFORMATION ON LEGISLATION (3)



- RSS News Feed Examples

- EIATRACK

- <http://www.eiatrack.org/rss/alerts.php>

- Directive Decoder

- <http://www.electronicweekly.com/blogs/electronics-legislation/index.xml>

PRACTICAL STEPS:

KEEPING UPDATED ON LEGISLATION (1)



- ISO14001 (or EMAS)
- Environmental Management Standard
- COMPARE THIS APPROACH WITH YOUR MANDATORY UK LEGAL REQUIREMENTS FOR FIRE SAFETY AND GENERAL HEALTH & SAFETY IN THE WORKPLACE!

PRACTICAL STEPS:

KEEPING UPDATED ON LEGISLATION (2)



- ISO14001 REQUIRES:
 - Sec 4.2
 - A corporate policy statement that:
 - includes a commitment to regulatory compliance
 - includes a commitment to continual improvement
 - provides an objective setting and review process
 - is documented and communicated to all employees
 - is signed and dated by the MD/CEO
 - is available to the public

PRACTICAL STEPS:

KEEPING UPDATED ON LEGISLATION (3)



- ISO14001 REQUIRES:

- Sec 4.3.2

- The organization shall establish and maintain a procedure to have access to legal and other requirements to which the organization subscribes that are applicable to the environmental aspects of its activities, products, or services

- i.e. keep and maintain a register of applicable laws and regulations

PRACTICAL STEPS:

KEEPING UPDATED ON LEGISLATION (4)



- ISO14001 REQUIRES:

- Sec 4.5.2

- The organization shall establish, implement and maintain a procedure for periodically evaluating compliance with applicable legal requirements and other environmental requirements.

- e.g. fully documented internal audits

PRACTICAL STEPS:

KEEPING UPDATED ON LEGISLATION (5)



- ISO14001 REQUIRES:

- Sec 4.6

- Top management must conduct periodic reviews of the procedures in place to ensure continued suitability, adequacy and effectiveness
 - Including evaluation of legal compliance
 - i.e. needs to be driven top-down

PRACTICAL STEPS:

KEEPING UPDATED ON LEGISLATION (6)



- ISO14001 approach clearly is a big step for SMEs
- But if ISO9000 QMS already in place, possibly not as big as it first looks
- Not impossible to conceive that an EMS will become mandatory under future government regulation if integrated with health and safety requirements, for example.

PRACTICAL STEPS: PRODUCER RESPONSIBILITY



- Not just the 6 RoHS substances to worry about now
- With REACH and similar legislation in other countries, need to have accurate and detailed data on material content in product components and process materials
- The list of restricted substances will be added to regularly!
- Vet your suppliers to ensure they will give you reliable and up to date data without too much effort on your part
- Consider off-the-shelf software solutions to manage the problem
- Or use “BOM-Scrubbing” third-party services
- One possible solution = <http://www.bomcheck.net/>

DON'T BE COMPLACENT, BUT DON'T PANIC!



- Environmental legislation **WILL** affect you
 - if not a big issue yet, it will be soon
 - know and fully understand your obligations
 - don't do too much
 - do enough to comply
- Can be costly to deal with
 - but non-compliance may be more costly!

SMART GROUP WEBSITE

<http://www.smartgroup.org>

CONTACT

<mailto:info@smartgroup.org>

SMART-E-LINK ARCHIVES

<http://lists.smartgroup.org/scripts/wa-SMARTGROUP.exe?A0=SMART-E-LINK>



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