

DESIGN CHAIN ASSOCIATES

RoHS AUDIT SYSTEM (RAS™)



Compliance with RoHS touches every product-related part of today's Electronics OEM. While new business processes are rarely required, ensuring continued compliance with the RoHS directive means that current business processes must be modified accordingly.

Having the required controls in place will eliminate or greatly reduce the risks and occurrence of non-compliant products by detecting problems early in the process and allowing for corrective action to be implemented. As with any quality system, processes that address RoHS compliance must be reviewed and/or audited on a regular basis to ensure that they remain effective and that products entering the European Union are compliant.

DCA offers the ideal RoHS Audit System, RAS™, the thorough and accurate application of which will serve as an extremely useful vehicle to ensure continued compliance. Today RAS™ specifically addresses the requirements of the European Union's RoHS Directive, covering all aspects of the product lifecycle including development, procurement, manufacturing, and field service. RAS™ was developed by DCA's black-belt quality expert with support from DCA partners with extensive experience in ISO9001, design and supply chain business process development and management, RoHS compliance, and auditing.

Delivery RAS™ can be delivered as a complete package including auditing from DCA, or as a standalone tool for internal auditors.

Features and Benefits RAS™ provides many features and benefits not found in other generic or even RoHS-focused auditing systems. They include the following:

❖ **Feature** RAS™ includes over 250 questions covering 25 disciplines. These disciplines, in summary, are:

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| ✓ Organization | ✓ Quality Management System |
| ✓ Documentation Requirements | ✓ Control of Documents and Records |
| ✓ Contract Review | ✓ Training |
| ✓ Design and Development | ✓ Design Changes |
| ✓ Evaluation of Suppliers | ✓ Subcontractor Control |
| ✓ Control of Customer-Supplied Product | ✓ Production Operations |
| ✓ Operations Control | ✓ Identification and Traceability |
| ✓ Inspection and Testing | ✓ In-Process Inspection and Testing |
| ✓ Final Inspection and Testing | ✓ Sampling Plans and Criteria |
| ✓ Distribution Channel | ✓ Field Service |
| ✓ Measurement, Analysis and Improvement | ✓ Internal Audit |
| ✓ Monitoring and Measurement | ✓ Control of Nonconforming Product |
| ✓ Corrective Action | |

❖ **Benefit** Complete coverage of all product-related business processes.

❖ **Feature** The format is similar to ISO9001:2000.

❖ **Benefit** For companies that are already ISO9001 compliant, the audit is easy to understand and follows approved best practices.

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- ❖ **Feature** All questions are immediately followed by the choice of either a compliant or non-compliant response. Non-compliant responses are designated as either major, minor or observation. Detailed guidance for the auditor is included with each question.
- ❖ **Benefit** The auditor's final determination is arrived at with greater confidence and objectivity.
- ❖ **Feature** The scoring system is straightforward and easy to use.
- ❖ **Benefit** Easily identifies non-compliant areas, allowing you to readily focus on implementing corrective action.
- ❖ **Feature** The audit system is written in Microsoft Excel.
- ❖ **Benefit** Provides a format that is familiar to most users, making the audit easy to implement without the expense of additional software.
- ❖ **Feature** The audit format allows for custom questions to be added in each section.
- ❖ **Benefit** Areas unique to a particular user can be addressed in the pre-existing audit format.
- ❖ **Feature** Each section's scores are tabulated individually.
- ❖ **Benefit** Provides a straightforward mechanism to prioritize compliance efforts.
- ❖ **Feature** An overall score, which updates automatically with each new entry, is provided on a summary page.
- ❖ **Benefit** Enables ongoing tracking of the company's compliance progress.
- ❖ **Feature** General in nature.
- ❖ **Benefit** Can be used for multiple purposes including gap assessment in order to design a compliance system, to verify the current compliance system, or as part of a periodic ISO 9001 assessment.
- ❖ **Feature** Broader than IECQ 080000.
- ❖ **Benefit** Will ensure compliance with the Hazardous Substance Process Management standard.
- ❖ **Feature** RAS™ updates are included in your one-year (renewable) subscription.
- ❖ **Benefit** As DCA broadens the scope of the audit to include China, California, Korea, and elsewhere you will automatically be kept up to date.

DCA's RAS™ Audit System is the ideal starting point to insure your company's compliance with the RoHS regulations throughout the European Union today, and the rest of the world tomorrow.

Pricing Contact Michael Kirschner at DCA for RAS™ subscription or full audit service pricing.

Depend on Design Chain Associates We know suppliers, we know components, and we know the needs of the Electronics OEM. We can help you define and/or meet your environmental performance goals. Make sure you can still ship product worldwide or gain competitive advantage: Talk to DCA.

For more information about DCA please visit our website at www.designchainassociates.com or call us toll free at 866.DCA.7676 x2.