

IPCWorks - 2006

MATERIAL DECLARATION
an OEM View

Michael Hutchings
Sun Microsystems, Inc

WAY BACK

~3 years ago

- Company recognized requirement to track RoHS related information and data at part number level
- We were not really sure how to do it
- Started using “simple” spreadsheets
- Suppliers asked “What is this?”
- Education began, theirs and ours!

IN PROCESS

then to ~end of 2005

- Main focus on supplier data collection to start
- Changed internal infrastructure systems to track RoHS status by part number
- Added to existing design parametric system to include Hazardous Material information from suppliers (an enterprise solution, not spreadsheets)
- Major customers started asking “What are you doing for RoHS?” a very few... “What is RoHS?”
- Included a simple 'We meet it' statement on standard Product Compliance Documents

NOW!

~ end of 2005 to present

- Supported and adopted IPC 1752 as RoHS Material Declaration standard for customers
- Requesting that suppliers use IPC 1752 (may start requiring it be used in the near future)
- Use IPC-1752-1 v1.02 Class 1
- Request IPC-1752-1 v1.02 Class 1 at a minimum from our suppliers (will accept any other Class if provided)

HOW?

Do we use the IPC 1752?

- Class 1 with Distribute Form type
- World Wide Compliance Officer is contact and also signs forms
- Mfg Item Number, Mfg Item Name and Effective Date provided
- All Exemptions product MIGHT take selected except:
 - Lead in solders for servers... only selected for products that qualify for it

HOW?

Do we use the IPC 1752?
(continued)

- Multiple products are done using an attachment
- Only true Product Families are done using the attachment
- Forms are named for the Part Number or Product Family
- Forms are stored (in .pdf form) and made available to field personnel
- Do not send IPC forms for non-compliant or RoHS-not-applicable products

RESULTS

- Majority of requests have come from our major OEM customers
- Have created and sent IPC forms representing hundreds of our compliant products
- Requests average 2 to 3 per week with from 1 to 20+ products

FUTURE?

2007 and beyond

- Create IPC forms via an automated process from internal information systems
- Make IPC forms available on external website
- Track and plan for future RoHS-like laws and Directives
- Build RoHS and future laws into standard processes and procedures

QUESTIONS?

THANK YOU!

Michael Hutchings
RoHS PMO
michael.hutchings@sun.com
Sun Microsystems, Inc