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Statement of Work

NEMI Materials Declarations Project
part of the
RoHS Transition Task Group
Project Name: Materials Declarations Project (MDP)

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Purpose:

The purpose of this project is to make a recommendation on standard materials declaration process and toolset by running a set of pilot tests to identify issues that:

- Aligns with the EIA, EICTA and JGPSSI [Material Composition Declaration Guide](#)
- Focuses on the legally banned and restricted materials (i.e. Annex A in the above Guide), Annex B optional

Goals

- Automated reporting process
- Minimal supply chain cost impact

Background and Drivers:

Global efforts are underway to standardize how the IT industry will declare hazardous and other materials in products and components. OEM customers are already asking for this information, primarily from customers in Europe and Japan, and are starting in North America. A global impact is anticipated on all OEM products, particularly commercial products. OEM's ability to sell to certain major customers will be seriously affected if they are unable to provide materials declaration information. This is driven by regulatory and market-based restrictions (e.g. European Union RoHS Directive, TCO, Blue Angel, etc.). Three major industry associations have been involved in this effort: Electronics Industries Alliance (EIA), European Industry Association (EICTA) and the Japan Green Procurement Survey Standardization Initiative (JGPSSI). The three years of work that has taken place both within and between these industry

associations has resulted in a draft Material Composition Declaration Guide, <http://www.eia.org/resources/2003-09-19.10.pdf>.

EIA submitted the joint guide to its members for a vote. The vote was 28-4 to approve. The EIA steering committee voted to "conditionally approve" it, which means we approve it "as is" but that we will work through the JEDEC voting mechanism to immediately revise the guide. We are planning to initiate this process in January 2004.

Scope of Work and Proposed Schedule:

- Agree on materials list to pilot (e.g. Annex A list, not Annex B) – December 2, 2003
- Agree on tools to use (e.g. [RosettaNet](#) lite, [Goodbye Chain](#), [Centor](#), [Synapsis](#), Excel, JGPSSI spreadsheet, [Agile](#), Agere Systems, etc.) – end of December 2003
 - Have presentations made by tool suppliers – December 2003
 - Goodbye Chain – December 9th, 2003
 - Centor – January 6th, 2004
 - Synapsis – January 27th, 2004
 - Agere – February 3rd, 2004
 - Agile – February 24th, 2004
 - RosettaNet – March 23rd, 2004
 - JGPSSI - February 24th, 2004
- Agree on what types of products and/or components to test – December 16, 2003
 - The team agreed to focus on a PCA and add housing with metal and plastic parts
 - Motorola will provide the design
 - Agree on the BOM – January 13, 2004
- Get volunteers to run pilots, set up sender and receivers – January 20, 2004

Tool	Pilot Teams
Goodbye Chain	Orlean Thompson – Kodak
Centor	Eric Austerman – Jabil
Synapsis	Kurk Kan – Motorola
RosettaNet	Mike Young – Agilent?
Agile	Kara Thompson - Dell
Agere	
Excel	
Japanese solution	
Other	

- Decide how the information and results will be shared and communicated between team members and to outside parties – January 20, 2004
- Monitor EIA, EICTA, JGPSSI, JEDEC, IPC and other industry activity and standard development – on going
- Determine pilot test criteria – January 20, 2004
 - Accuracy, cost, effort, time, ease of use, ease of data exchange, ease of internal communication, pitfalls/issues (see separate NEMI Sample Data spreadsheet for details)
- Run pilot tests – February 2004

Centor and Synapsis complete

- Goodbye Chain and Agile - April
- Measure accuracy of results (grind and analyze products/components) – March - April 2004
- Analyze results (compare tools for accuracy, cost, effort, time, pitfalls/issues) – April 2004
- Report results – April 2004
- Recommend solution(s) and next steps – April 2004