

## **NEMI MATERIAL DISCLOSURE PILOT**

### **Motorola and Synapsis EMARS™ Pilot**

EMARS™ is the tool currently used by Motorola for the upload, qualification, management and reporting of material content data.

### **Instructions**

The NEMI Material Content Pilot is focused on evaluating the performance of the processes and tools currently in use by the industry. The areas in which the tools will be evaluated are data collection, data management and data reporting. This section of the pilot is limited to data collection; however the overall results for the pilot will be made available by NEMI.

Important: The names of the suppliers involved in the pilot will be kept confidential.

#### **Step 1**

To assure that the results from data management and reporting can be easily compared across the multiple tools, a sample bill of material and parts material composition was created and will be used during the pilot. Please use the information provided to complete a material content report using the AIAG Compliance Connect tool.

#### **Step 2**

Once this is completed, please complete the survey below.

#### **Step 3**

Please submit the certified and exported .cxs file to [kurk.kan@motorola.com](mailto:kurk.kan@motorola.com) no later than 02/18/03.

Please contact German Avila at 847-862-2632 if you have any questions.

Your collaboration and feedback are highly appreciated. Thank you for supporting Motorola and NEMI in this effort!

## **NEMI Materials Disclosure Pilot Supplier Questionnaire**

Please answer the following questions:

Which tool did you use? Please check one : IMDS\_\_x\_ AIAG Compliance  
Connect\_x\_\_

1. How many times have you used this tool? IMDS used for 2 – 3 years, Compliance Connect for over 1 year. We have used IMDS more often. We have approximately 3,000 entries in IMDS and several hundred in Compliance Connect.
2. How easy or difficult was the tool to use? Learning curve is pretty steep, but beyond that it's an easy-to-use tool.
3. How would you describe the help features and clarity of instructions? Help features on Compliance Connect better than IMDS, overall Compliance Connect is easier to use. Copy and paste features are useful.
4. What was your experience during the installation (if applicable, positives and negatives)? It's a monster to install / load, may be a hardware issue on the user side.
5. What was your experience during the data entry process (positives and negatives)? IMDS has slow response times during certain times of day. Speed is slow in general. System shuts down regularly. No prompting that text messages are there. No mass update options for changes made to a part family – cannot group by anything. Compliance connect is superior in all these areas.
6. What was your experience during the reporting / data exchange (positives and negatives)? Multiple PIN #s for IMDS allow opportunities for selecting incorrect one resulting in errors.
7. What issues did you run into and how did you resolve them? IMDS does not allow separation by part component, i.e., separating Pb in ceramic glass body from zero Pb content in solderable termination. Compliance Connect provides for this.
8. What was the total time to fill out the information into the tool (e.g. from the time you received the request until you were ready to send)? Per part type 30 – 45 minutes if a template to copy from does not already exist. With a template that can be copied from, time required drops to under 12 minutes.
9. What suggestions and improvements do you recommend? Drop IMDS and move to Compliance Connect.

10. What barriers do you see in adopting the tool across your company? Internal restrictions disallow file distribution over 10 MB. Internal internet security features also preclude ease of use.