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**Version: 2.4**

**Date: August 28, 2009**

Project Statement  
iNEMI Board Assembly TIG  
iNEMI Pb-Free Rework Optimization Project  
Phase 3 - Reliability Evaluation

\_\_\_\_\_ (“Participating Member”) agrees to participate in the  
**Enter Company Name**

iNEMI project entitled iNEMI Pb-Free Rework Optimization Project - Phase 3 - Reliability Evaluation<sup>1</sup> pursuant to and as defined in the iNEMI Project Participation Agreement and to carry out the tasks as assigned and agreed to in the Statement of Work<sup>2</sup> for this project. Pursuant to the iNEMI Intellectual Property Policy, the participating member

does  does not  (check one)

have any intellectual property or background technology to disclose in conjunction with this project.<sup>3 & 4</sup>

Approval of this Project Statement is a two step process. The first signature verifies company participation, while the second approval acknowledges management approval to fulfill the obligations for the specific tasks and contributions required from each participant.

<sup>1</sup> A 2/3 majority of iNEMI Pb-Free Rework Optimization Project - Phase 3 - Reliability Evaluation participants must be in favor of admitting new companies after the initial enrollment period is over.

<sup>2</sup> iNEMI Pb-Free Rework Optimization Project - Phase 3 - Reliability Evaluation Statement of Work (SOW), Version 2.4; August 28, 2009.

<sup>3</sup> As provided for in the iNEMI Intellectual Property Policy, if background technology or intellectual property is claimed, a Declaration of same must be provided, in writing, to the iNEMI Secretariat within 45 days of signing this agreement.

<sup>4</sup> Intellectual property or background technology disclosed in a declaration can only be used by the project participants for the purpose of research in connection with this project, and not for commercial purposes.

The iNEMI Pb-Free Rework Optimization Project - Phase 3 - Reliability Evaluation requires each participating company to commit to the following:

- Participating companies should expect to contribute a minimum of 1 man month of time to the project.
- The iNEMI Pb-Free Rework Optimization Project - Phase 3 - Reliability Evaluation requires iNEMI membership. Therefore, according to iNEMI By-Laws, non-members who contribute to the project can only receive project results specific to their contribution to the project. The project team will acknowledge non-member contributions to the project by stating it in future project publications, presentations, and the final project report. In addition, non-member contributors' attendance and participation in the project's group meetings is limited to subjects concerning their contribution, with an approval for attendance by a majority vote of iNEMI Pb-Free Rework Optimization Project - Phase 3 - Reliability Evaluation members who have signed this Project Statement.
- No additional expenses are expected for this project; however, if the project team decides ancillary activities are necessary and project expenses are incurred, the costs will be shared evenly among participants.
- The project will adhere to the terms of the iNEMI Intellectual Property Policy for declaring, identifying, and disclosing background (confidential) technical information and background intellectual property.
- Detailed process information, and conclusions developed in Phase 1 and 2 will not be shared with this project team. Phase 1 and 2 project team members already have access to the data.
- The data, information, and conclusions developed during this project will be available only to participating members of iNEMI who have formally joined this project by signing this Project Statement. All iNEMI members will be eligible to receive status reports (e.g., at member council meetings) as well as a summary report once it is released at the end of the project. The status reports as well as the summary report will not contain data that the participants determine<sup>5</sup> should only be shared within the project.
- If iNEMI or one individual would like to present data or information gained in this project to another company or companies, in technical paper(s), or in article(s), every member of the project team must be informed and a simple majority is required for approval.
- Control of the data and information gathered during the execution of this project will transfer to the iNEMI Secretariat 12 months after the conclusion of the project. After that period all requests for publication or transmission of data collected must be reviewed and approved by iNEMI. If the project is extended to include additional phases, the Project Team will continue to provide approvals for communication outside the Project Team as outlined in the bullet above until the final Phase is completed.

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<sup>5</sup> The data not included in the status reports or summary report will be determined by majority vote of the participants.

In addition to the above general requirements as stated above, the following companies are required to sign and return this Project Statement before the project can begin. In the case of Creation Technologies, they will be required to sign and return a Non-Member Limited Participation Agreement (NMLPA). By signing the NMLPA, Creation Technologies, an EMS company, agrees to assemble the iNEMI Payette boards in Phase 3 as an in-kind contribution. The iNEMI Pb-Free Rework Optimization Project - Phase 3 - Reliability Evaluation team agrees to provide Creation Technologies with the Phase 3 assembly and rework ATC data in return for their contribution and will include their name in any presentation the project team makes with respect to the Phase 3 results.

**Required Participants**

<b>Company</b>	<b>Lead Contact</b>
Alcatel-Lucent	Holly-Dee Rubin
Celestica	Craig Hamilton
Flextronics	Leo Anderson
Intel	Alan Donaldson
Sanmina-SCI	Dana Korf
Senju Comtek	Derek Daily
Creation Technologies (Non-member)	Khalid Mahmood

Each of the companies listed in the table above has specific tasks they are committing to by signing this Project Statement. The required Phase 3 task assignments are:

<b>Phase 3 Task Assignments</b>	<b>Phase</b>	<b>Supporting Company</b>
No-Clean Solder Materials (flux and paste)	3	Senju Comtek
Printed Circuit Boards	3	Sanmina-SCI
SMT Assembly	3	Creation Technologies
Wave Solder Assembly	3	Creation Technologies
SMT Rework	3	BGA socket (Intel), $\mu$ BGA (Flextronics)
PTH Rework	3	DIP (Celestica), DIMM (Celestica)
ATC Reliability Testing	3	Alcatel-Lucent
Failure Analysis (lab work, x-sections, etc.)	3	Project Team

## Project Participant Verification

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Print or type Name & Title

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Company

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Signature

Date

Email

## Management Approval of Assigned Tasks and Contributions

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Print or type Name & Title

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Company

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Signature

Date

Email

## iNEMI Acceptance

Robert C. Pfahl

Vice President of Global Operations

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Print or type Name & Title

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iNEMI

Company

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Signature

Date

bob.pfahl@inemi.org

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Email