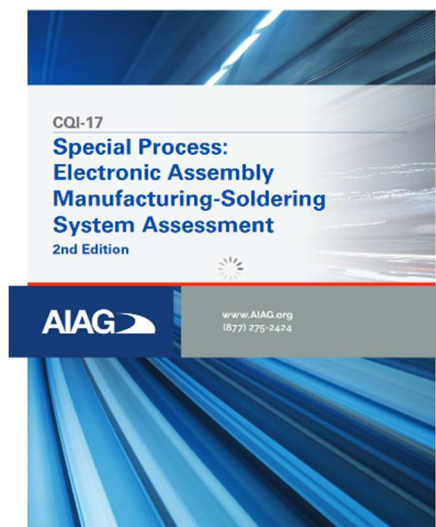


The new AIAG CQI-17 EAM SSA 2nd Edition August 2021

Electronic Assembly Manufacturing- Soldering System Assessment

The new AIAG CQI-17 2nd Edition was officially presented in August 2021. As a long-standing AIAG member and one of the official leading AIAG license providers in the field of CQI training in Europe, we know in time, when the newest standards are available. We offer trainings for all AIAG CQI Special Processes and are therefore always up to date. Benefit from this exclusivity and register for our newsletter at www.topqm.de and you will always have the latest news according the CQI-News.

Description of the new CQI-17 Soldering System Assessment with the most important changes



Source: www.AIAG.org Southfield/Michigan/USA

The 2nd edition of the special CQI-17 Process: "Soldering System Assessment" contains some new and changed requirements as well as explanations which the supplier organizations must take into account in their self-assessment. Below you will find a summary from TopQM-Systems of the important changes in this 2nd Edition:

- Cover Sheet - new layout
- Cover Sheet - the number of evaluation points on the cover sheet has increased
- Structure - more details of "other requirements"
- Structure - section 2 & 3 was split in 2 excel-chapter
- Process Tables - the process tables have been revised and the number has been reduced. Process tables were merged, canceled and new ones added
- Process Tables – new Parameter Guideline to each Process Table added

- Main Questionnaire - new question and requirement system
- New Audit Result System - evaluation and classification procedure for the main audit questionnaire and for each process table

Where can I get the official CQI-12 for sale as a license version? This can be bought at www.aiag.org

The following is a list of the new process tables:

Process Table A: - Solder Paste Printing + SPI Inspection - Table A-1 Process Parameters	Process Table F: - Robotic Soldering - Table F-1 Manual Soldering	Process Table K: - Conformal Coating - Table K-1 Process Parameters
Process Table B: - Surface Mount Component Placement - SMT - Table B-1 Process Parameters	Process Table G: - Laser/Soft Beam Soldering - Table G-1 Process Parameters	Process Table L: - PCA Separation - Table L-1 Process Parameters
Process Table C: - Reflow Oven + AOI/AXI Inspection - Table C-1 Process Parameters	Process Table H: - Induction Soldering	Process Table M: - In-Circuit Test
Process Table D: - Adhesive Dispensing - Component Fixation and Mechanical Support	Process Table I: - Press Fit Insertion - Table I-1 Process Parameters	Process Table N: - Functional Test
Process Table E: - Wave/Selective Soldering + AXI/Manual Visual Inspection - Table E-1 Process Parameters	Process Table J: - Cleaning/Contamination Control - Table J-1 Process Parameters	Process Table O: - Rework, Repair, Touch-up

Does TopQM-Systems also offer official AIAG CQI Licensed CQI-17 seminars?

Yes, TopQM-Systems has been an officially licensed AIAG CQI training provider in Europe for many years, more on this at www.topqm.com

Does TopQM-Systems also offer CQI seminars outside of Europe?

Yes, we offer "online" and "on-site seminars" for the CQI standards for every company: CQI-9, CQI-11, CQI-12, CQI-15, CQI-17, CQI-23, CQI- 27 and CQI-29. These seminars are not AIAG licensed, we have developed them very successfully ourselves for over 15 years and offer a 2-day training course on "Implementation of CQI Special Processes". For the content of the seminar, see www.topqm.com

As a global player, we offer these unique CQI trainings worldwide, in Europe, USA, Mexico, China, India and Korea, see more at: <https://topqm.com/courses-and-training/cqi-seminars-outside-Europa>