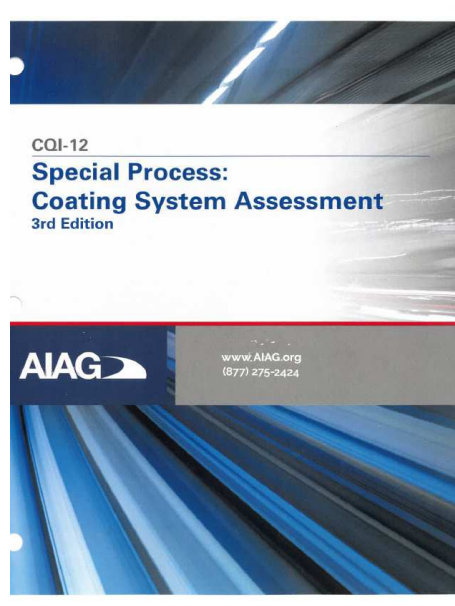


The new AIAG CQI-12 Coating System Assessment 3rd version July 2020

On July 16, 2020, the new AIAG CQI-12 3rd Edition was officially announced and on August 20, 2020 the long-awaited new CQI-12 came out. As a long-standing AIAG member and one of the official leading AIAG license providers in the field of CQI training in Europe, we were able to receive one of the first copies. We offer training 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 find the latest news AIAG-CQI-News.

Description of the new CQI-12 Coating System Assessment with the most important changes



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

The Special Process: Coating System Assessment, 3rd edition contains some new requirements, changed requirements and clarifications that the supplier organization will need to consider in making its self-assessment. Below is a summary of the important changes in this 3rd edition.

- Pyrometry - The previous revisions did not provide sufficient details to guide the user to acceptable test methods and results. This new section provides this needed level of detail and is aligned with CQI-9.
- The equipment is in the process tables to emphasize the critical equipment and specific requirements for each process, and to simplify the audit flow by keeping it together.
- Pass/Fail has been changed to Conforming/Nonconforming - "Fail" has a strong negative connotation and people are reluctant to select this option, and would prefer the "nonconforming" option, with the ability to state why they feel that the response does not put the process at a high risk.
- Job Audit Measurement column has been added to standardize the location the information is populated during a Job Audit.
- More guidance added in the form of questions provide clear examples of what can be used as objective evidence.

- TopQM supplement: An optional form builder function was added to the audit Excel file for some process tables in order to simplify the actual respective process steps of the coating line for the auditor step by step.
- TopQM supplement: In process table C "Conversions Coating" the process "Black Oxide Coating" has been added.
- TopQM supplement: The process "Zinc flake / zinc flake coating" has been added to process table G "Dip-Spin / Dip-Spin Process".
- Supplement to TopQM: Process table "L" Part Inspection and Testing is canceled

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	Pretreatment (Aqueous)
Process Table B	Pretreatment (Mechanical)
Process Table C	Conversion Coatings (Phosphate, Non-phosphate, Chromate, Non-chrome, Black Oxide)
Process Table D	Powder Coating
Process Table E	Spray Coating
Process Table F	Electrocoat
Process Table G	Dip-Spin & Zinc Flake
Process Table H	Autodeposition
Process Table I	Cure
Process Table J	Anodizing and Hard Coat Anodizing
Process Table K	Equipment

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