Product & Supply Chain Improvement
Supply Chain Management Handbook

SCMH – Awareness
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Break Out Room Topics

- About the IAQG and SCMH
- IAQG & Sector Member Companies
- SCMH Focus
- SCMH Content & New Projects
- IAQG Link and Access to the SCMH
- Webinars
- Break Out
International Aerospace Quality Group

The International Aerospace Quality Group (IAQG) is a legally incorporated international not for profit association (INPA) with aerospace industry membership from the Americas, Europe and the Asia Pacific Region.

The IAQG is committed to achieving significant performance improvements in Quality, Delivery, and consequently Cost, on all products and services throughout the value stream.

To learn more about the IAQG, please visit www.iaqg.org

Supply Chain Management Handbook

The Supply Chain Management Handbook (SCMH) is a collection of guidance material developed by IAQG member company subject matter experts. It provides guidance materials to continuously improve On Time, On Quality Delivery (OTOQD) throughout the entire value stream. It’s objective is to help the supply chain improve their quality performance through better understanding of aviation, space and defense industry quality management system requirements and expectations. It is available at no cost. To learn more about the SCMH, please visit www.iaqg.org/scmh
IAQG
Develops International Standards to achieve significant performance improvements in Quality, Delivery, and consequently Cost.

Users wanted to know how to implement the standards.
So, the IAQG created the SCMH

The SCMH
Is a collection of guidance material created to continuously improve On Time, On Quality Delivery (OTOQD) through a better understanding of aviation, space and defense industry QMS requirements and expectations.
• AIDC (Aerospace Industrial Development Corp.)
• AVIC I
• AVIC II
• COMAC
• DSO National Laboratories
• Fuji Heavy Industries, Ltd.
• Hawker de Havilland
• IHI Co. Ltd.
• Indonesian Aerospace
• KAI (Korea Aerospace Industries)
• Korean Air
• Kawasaki Heavy Industries, Ltd.
• MHI
IAQG-Americas Aerospace Quality Group Companies (AAQG)

- ATK
- Ball Aerospace
- Boeing
- Bombardier Aerospace
- Embraer
- GE Aviation
- Goodrich Corporation
- Gulfstream
- Honeywell Engines and Systems
- Lockheed Martin Corporation
- Northrop Grumman
- Parker Aerospace

- Raytheon
- Rockwell Collins
- Rolls-Royce
- Spirit Aerosystems
- Textron
- Triumph Group
- UTC (United Technologies Corporation)
### IAQG-European Aerospace Quality Group Companies (EAQG)

- Advanced Electronics Company (AEC)
- Airbus
- Airbus Military
- Alenia Aermacchi
- AgustaWestland
- Astrium
- Avio Aero
- BAE Systems
- Cassidian
- Dassault Aviation
- ELBIT Systems
- Eurocopter
- FACC
- Fokker Aerospace
- GE Aviation Systems
- GKN Aerospace Engine Systems
- HEGAN
- Israel Aerospace Industries LTD

- MBDA
- Meggitt
- Messier-Bugatti-Dowty
- MTU Aero Engines
- PFW
- RAFAEL
- Rolls-Royce
- Russian Helicopters
- Saab
- SAFRAN
- SAGEM
- SNECMA
- Sonaca
- THALES
- Turbomeca
- UAC (United Aircraft Corporation)
- Zodiac Aerospace
Providing guidance material and best practices on “how” to meet requirements and achieve objectives.
Supply Chain Process Lifecycle

1. Market & Sell
2. Design & Develop
3. Make (incl. Assemble & test)
4. Buy
5. Deliver
6. Customer Support
7. Plan & Manage
8. Stakeholders relationship and communication
SCMH content flows with the lifecycle

1. Market & Sell
   - Master Scheduling

2. Design & Develop
   - Special Requirements & Critical Items
   - Quality Aspects of New Product Development
   - Notification of Change
   - Software Guidance (9115)

3. Make (incl. Assemble & test)
   - 9103 Material for Key Characteristics
   - 9102 Material for First Article Inspection
   - Counterfeit & Suspect Unapproved Parts
   - Control of non conformities
   - Foreign Object Debris (FOD)
   - Human Factors in new Manufacturing
   - Statistical 9138
   - TBD

4. Buy
   - Supplier Selection and Capability Assessment
   - Product Performance Detailed Assessment Checklists
   - Supplier Quality Mgt Basics
   - Sub-tier Supplier Control Management

5. Deliver
   - Delivery Metrics Definition
   - Certificate of Conformance
   - Delegated Product Release verification
   - TBD

6. Customer Support
   - TBD

7. Plan & Manage
   - Work Transfer
   - Root Cause Analysis & Problem Solving
   - Process Mapping (VSM Based)
   - Advanced Product Quality Planning (APQP)
   - Risk Management
   - Configuration management
   - Capacity Management, Ordering and Logistics

8. Stakeholders relationship and communication
   - Requirements & Flow Down Templates
   - Contractual Requirements Review & Management Guidance

Appendices
- 9100 Rev C Deployment Support
- People Capability PCAP 001
- Link to ICOP Overview
- 9100/SSCA/PPDAC Comparison
- IAQG dictionary

Sections in progress
Future sections
Current SCMH Guidance

- Advanced Product Quality Planning APQP
- Capacity Management, Ordering & Logistics
- Certificate of Conformance CofC
- Configuration Management
- Contract Requirements and Flowdown
- Contractual Requirements Review and Management Guidance
- Counterfeit Parts Prevention Guidance -
- Delivery Metrics Definition Guidance -
- First Article Inspection FAI
- Foreign Object Debris
- Human Factors in New Manufacturing
- Maturity Model Supplier Selection & Capabilities Assessment
- Non-Conforming Product Guidance Material
- Notice of Change NOC (AS9016) Support Material & Tool
- Process Mapping for Manufacturing Processes
- Product Performance Detailed Assessment Checklists
- Quality Aspects of New Product Development
- Risk Management
- Root Cause Analysis and Problem Solving
- Sales, Master Scheduling & Sequencing
- Software 9115 Guidance Material
- Special Requirements and Critical Items
- Sub-tier Supplier Control Management
- Supplier Quality Management Basics
- Variation Management of Key Characteristics
- Work Transfer Management Procedure
- Appendices:
  - Link to IAQG International Dictionary; 9100C Deployment Support Material; PCAP 101 Competence Management Guideline Link; ICOP Executive Overview; Relative Positions Between 9100, SSCA Maturity Model & PPDAC; Webinars
Active Projects
• Delegated Product Release Verification (DRPV) –IAQG 9117
• Statistical Product Acceptance (SPA) –IAQG 9138

Newly Launched Projects
• Handling of Work Instructions
• Safety Culture Awareness

Upcoming Projects
• Customer Support -MRO topics.
SCMH Awareness Webinars

Next Webinar: Capacity Management, Ordering and Logistics schedules for March 19th

• To be invited - become a registered user of the SCMH or visit the SCMH at www.iaqqg.org/scmh

For copies of past webinars visit Appendix 7 of the SCMH
A quick look at the SCMH.

Get there fast;
www.iaqg.org
www.iaqg.org/scmh

Search Engine:
“IAQG” or “SCMH”
Detailed content and direct access to free guidance, training presentations, templates, forms, etc.

www.iaqg.org
SCMH Access

A quick look at the SCMH.

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Search Engine: IAQG

www.iaqg.org
User Registration _First Time ONLY_

Allows for the generation of a User roster, Project Launches, Future Topic Survey’s and announcement or invitations at the SCMH opening. (in place since Jan 9th, 2014)

After registration, just log in using e-mail address and password.
SCMH Access

Terms and Conditions

Announcements

Supply Chain Management Handbook (SCMH)

The SCMH is provided by the IAQG to assist with the advancement of quality practices. The use of the SCMH is entirely voluntary, and its applicability and suitability for any particular use is the sole responsibility of the user. IAQG maintains intellectual property rights to the SCMH material.

Do you accept these Terms?

Accept Terms and Launch SCMH

The Product and Supply Chain Improvement Strategy Team is responsible for the SCMH and is holding a day of “FREE” and “Open” meetings on Wednesday, April 9th in Brussels.

The first hour of each meeting will provide an awareness of the SCMH, its new structure and provide a forum for open discussion regarding improvement, future topic input and feedback. The second hour will allow for the same information in a less formal process for those juggling several meetings. This will be repeated in the afternoon. There will also be an open meeting at the end of the day from 4-5 to allow IAQG meeting attendees to drop by after other meetings and ask questions and or provide input.

To help with planning your day the meetings are as follows:

Wednesday April 9th:

Quick Links

- Members Only
- OASIS Database
- 9100 Development Support Webinars
- Certified Sanctioned Aerospace Auditor Transition Training Support Material
- Supply Chain Management Handbook (SCMH)
- Americas Aerospace Quality Group (AAQG)
- Asia-Pacific Aerospace Quality Group (AAPAQG)
- European Aerospace Quality Group (EAQG)
- Acronyms
SCMH Access

User Registration (Only First Time)
Input required information to complete the registration process

E-mail address
Password

5 simple questions:
- Industry
- Geographic location
- Country
- How did you know SCMH
- Intended use of SCMH

Submit Registration
Open to Questions:

Supply Chain Management Handbook (SCMH) Questions?
  • Look Around
  • Registration/Access
  • How To Support the SCMH
    • Communicate
    • Become an active team member
      • IAQG or Sector Member Companies
  • Webinars