

PMC Certified Colour Champion Programme



Objectives

The objectives of the Certified Colour Champion Programme are:

- To provide print companies and their employees with a detailed understanding of colour management principles and processes for compliance to ISO 12647 and the BPIF certification scheme.
- To ensure that managers, production staff and colour management specialists are fully competent in the field of colour management and product compliance.
- To formally assess and recognise competence as a PMC Certified Colour Champion
- To provide a flexible, modular approach to become a PMC Certified Colour Champion
- To provide a prestigious and internationally recognised certification of competence for personnel in this field

This is a comprehensive, wide ranging and detailed professional qualification tailored to companies and industry members who need to be at the leading edge of colour quality management.

Corporate consumers of printed communication whether in packaging, labeling or commercial print are increasingly demanding colour managed products. The economic case for colour managed production is very simple. Profitability can no longer absorb substandard colour. The cost of colour quality failure and rejection together with consequential customer service/ delivery pressures has the potential to be very serious.

Conversely, the savings available in terms of production set up, make ready times, waste minimization, reductions in customer colour complaints are profound for a well operated colour quality system. This is the case even for the larger and most professionally managed production businesses.

The PMC Certified Colour Champion Programme and its component modules are designed to support and assist the sector in better serving its customer base and retaining business and profitability.

Each module is designed either for management or for specialist/production staff across the entire sector. The competence of the Certified Colour Champion is automatically recognised by PMC's auditing process for the BPIF Colour Quality certification scheme.

The PMC Certified Colour Champion Programme will increase the colour competence of the sector and will provide a searchable database of colour specialist personnel.

Programme Content

The programme includes assessment and written examination, where appropriate, to determine competence. Candidates undertake whichever modules they consider are required in order to develop the necessary competence, in addition to mandatory modules where practical assessment is undertaken.

The programme covers the following training modules:

- ISO Colour standards
- The BPIF Colour Quality Management scheme
- Internal auditing for Colour Systems
- Introduction to colour theory and practice
- Pre-press colour management – colour workflows and proofing (mandatory)
- Colour Management on press (mandatory)
- Colour conformity and the use of spectrophotometers (mandatory)

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Candidates will be expected to demonstrate competence through assessment, including written examination where appropriate, during each course.

Candidates can, if they wish, attend only the mandatory courses as a minimum, or the mandatory courses plus a selection from the other courses. These candidates will still be expected to pass the full assessment covering all of the courses at a separate examination.

PMC Certified Colour Champion - Programme Details

Details on individual training modules and costs are specified below and are also available from PMC or at www.printcertification.co.uk. Discounts are available for multiple delegate or multiple module bookings. Modules for the programme are run on a public or in company basis - see individual course for details.

Tutors will be specialists in the relevant fields.

For those candidates who sit an examination without attending the relevant training module there will be a separate exam administration fee per module.

Certified Colour Champions are issued with a certificate from PMC. The certificate has a validity of 2 years from date of issue, and renewal is subject to continued demonstration of competence. Assessments are required every 2 years, at a fee of £250 plus VAT.

For more information, please contact Jon Stack at PMC on jon.stack@printcertification.co.uk, or visit www.printcertification.co.uk.

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Module 1: BPIF Colour Quality Certification Scheme and ISO 12647 Colour Standards

Benefits:

This 2 day course is designed to bring the following benefits:

- Develop detailed knowledge of the BPIF colour quality certification scheme
- Identify Colour Quality Management system requirements
- Learn how to integrate ISO 9001 systems with ISO 12647
- Develop detailed knowledge of ISO 12647 colour standards
- Learn what colour quality compliance with ISO 12647 means

Course Objectives and methods:

The course will enable delegates to demonstrate detailed knowledge of ISO 12647 colour standards, how product colour quality compliance is determined, and what the colour quality system requirements of the BPIF scheme are. It will give delegates the knowledge necessary to design and implement a colour quality management system, within or outside of an existing ISO 9001 system.

Course content:

The course covers both the BPIF colour quality certification scheme and the ISO 12647 standard:

- Colour Quality Management system requirements
- Adapting ISO 9001 systems for the BPIF scheme
- Audit product test requirements and day to day production compliance requirements
- Relationship of the BPIF scheme with ISO 12647
- The requirements of the ISO standard explained
- How is compliance determined
- Differences between the various standards explained
- Future developments in ISO standards and the ISO 12647 approach to colour management

Who should attend:

- Senior Operations management responsible for colour within the production environment.
- Sales/Commercial staff who need to understand and speak to their customers with authority on Colour Management.
- Pre-press and press management responsible for day to day operations/production.
- Print Management or Corporate buyers responsible for colour compliance of their suppliers.
- Senior designers responsible for creative.
- Equipment and other suppliers needing to understand the BPIF scheme and its impact on the industry.
- Colour management advisers, consultants and colour management system internal auditors.
- Organisations seeking certification to the BPIF ISO 12647 colour scheme.
- Candidates for PMC Certified Colour Champion status

Costs:

The in-company programme cost is £2500 for up to 10 delegates.

For the public programme, the cost is £395/delegate.

Costs include the issue of the Certificate of Attendance to each delegate and entry on the PMC public database of colour trained specialists.

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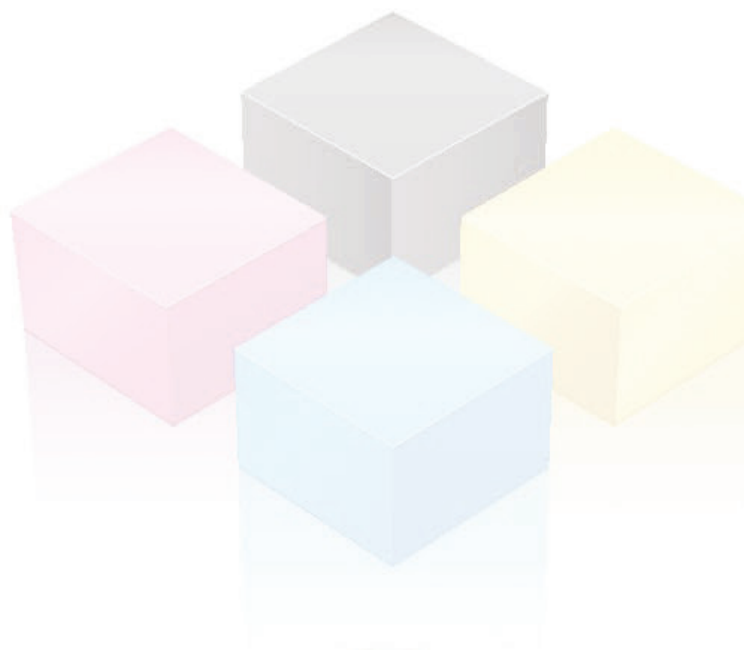
Duration and Location:

This is a 2 day course. The in company programme can accept up to 10 delegates.

The public course is run at a variety of locations at specified times. Joining instructions for public programmes will be issued when the training place is booked

Who should I contact to find out more about training?

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Module 2: ISO Colour Standards

This “ISO Colour Standards” programme gives clear, simple, and technically valid overview of ISO 12647 colour standards.

Benefits:

- Develop detailed knowledge of ISO 12647 colour standards
- Learn what colour quality compliance with an ISO standard means

Course Objectives and methods:

The course will enable delegates to demonstrate detailed knowledge of ISO 12647 colour standards, how product colour quality compliance is determined and what the latest developments in ISO standards are.

Course content:

- What are the requirements of the various ISO colour standards
- How is compliance determined
- Differences between the various standards explained
- Future developments in ISO standards and the ISO approach to colour management

Who should attend:

- Senior Operations management responsible for colour implementation within the production environment.
- Sales/Commercial staff who need to understand and speak to their customers with authority on Colour Management.
- Pre-press and press management responsible for day to day operations/production.
- Print Management or Corporate buyers responsible for colour compliance of their suppliers.
- Senior designers responsible for creative.
- Equipment and other suppliers who need to understand ISO colour standards.
- Colour management advisers, consultants and colour management system internal auditors
- Organisations seeking certification to the BPIF ISO 12647 colour scheme.
- Candidates for PMC Certified Colour Champion status

Costs:

The in-company programme cost is £1250 for up to 10 delegates

For the public programme, the cost is £250/delegate

Costs include the issue of the Certificate of Attendance to each delegate and entry on the PMC public database of colour trained specialists.

Location:

This is a 1 day course. The in company programme can accept up to 10 delegates

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Module 3: BPIF Colour Quality Certification Scheme

Benefits:

This 1 day course is designed to bring the following benefits to delegates:

- Develop detailed knowledge of the BPIF colour quality certification scheme
- Identify Colour Quality Management system requirements
- Learn how to integrate ISO 9001 systems with ISO 12647
- Find out how the audit and certification process works

Course Objectives and methods:

The course will enable delegates to demonstrate detailed knowledge of the colour quality system requirements of the BPIF scheme, and how these relate to ISO 12647 colour standards. It will give delegates the knowledge necessary to design and implement a colour quality management system, within or outside of an existing ISO 9001 system, and provide information on the audit and certification process for the BPIF ISO 12647 scheme.

Course content:

- Colour Quality Management system requirements
- Adapting ISO 9001 systems for the BPIF scheme
- Audit product test requirements and day to day production compliance requirements
- Relationship with ISO colour standards
- Audit and certification for the BPIF scheme

Who should attend:

- Senior Operations management responsible for colour implementation within the production environment.
- Sales/Commercial staff who need to speak to their customers with authority on Colour Management.
- Pre-press and press management responsible for day to day operations/production.
- Print Management or Corporate buyers responsible for colour compliance of their suppliers.
- Senior designers responsible for creative.
- Equipment and other suppliers needing to understand the BPIF scheme and its impact on the industry.
- Colour management advisers and consultants, and colour management system internal auditors
- Organisations seeking certification to the BPIF scheme.
- Candidates for PMC Certified Colour Champion status

Costs:

The in-company programme cost is £1250 for up to 10 delegates

For the public programme, the cost is £250/delegate

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Location:

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Module 4: Internal Auditing for Colour Systems

Benefits:

This one day course is designed to bring the following benefits:

- Effective internal auditing of 12647 colour quality systems
- Derive continual improvement in colour quality
- Engage auditing staff in colour quality processes
- Meet the internal audit requirements of the BPIF ISO 12647 colour quality certification scheme and ISO 9001

Course Objectives and methods:

The course will train delegates in the various techniques and approaches to internal auditing of 12647 colour quality systems, using a variety of group exercises and role playing, and drawing on best practice and ISO standards for auditors.

Course structure and content:

This is a one day programme which will provide the necessary knowledge for auditing a colour quality management system. It covers:

- Auditing requirements
- Auditing techniques and best practice
- Managing the internal audit process
- Driving continual improvement through internal audits
- Specific areas for internal auditing in colour quality management systems
- Pitfalls and opportunities

Who should attend:

Internal auditors of colour systems
Colour champion
Pre-press and press staff
Colour management advisers and consultants
Print buyers responsible for colour compliance of their suppliers

Costs:

The in-company programme cost is £1250 for up to 10 delegates

For the public programme, the cost is £250/delegate

Costs include the issue of the Certificate of Attendance to each delegate and entry on the PMC public database of colour trained specialists.

Duration and Location:

This is a 1 day course. The in company programme can accept up to 10 delegates

The public course is run at a variety of locations at specified times. Joining instructions for public programmes will be issued when the training place is booked

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Module 5: Introduction to Colour Theory and Practice

Benefits:

- Understand the technical basis of light and colour vision and reproduction
- Knowledge of the theory and mechanics of proofing devices and presses
- Knowledge of the theory and practice of colour management in printing workflows
- Knowledge of the theory of colour measurement

Course Objectives and methods:

The course will train delegates in the science of colour and its application to printing processes, including monitor displays, proofing equipment and presses. Delegates will develop a good general knowledge of the theoretical background to colour management and its application in the printing process.

Course structure and content:

This is a one day programme covering

- Basics of colour and the principles of colour vision
- Standard viewing conditions
- Standard colour terms
- An overview of colour management
- Use of ICC profiles in colour management
- Identifying colour gamuts
- Calculation of colour values

Who should attend:

- Senior Operations management responsible for colour implementation within the production environment
- Sales/Commercial staff needing to speak to their customers with authority on Colour Management
- Colour champions
- Pre-press and press management and staff responsible for day to day operations/production
- Print Management or Corporate buyers responsible for colour compliance of their suppliers
- Equipment and other suppliers needing to understand the BPIF scheme and its impact on the industry
- Colour management advisers

Costs:

The in-company programme cost is £1500 for up to 10 delegates

For the public programme, the cost is £250/delegate

Costs include the issue of the Certificate of Attendance to each delegate and entry on the PMC public database of colour trained specialists.

Duration and Location:

This is a 1 day course. The in company programme can accept up to 10 delegates

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Module 6: Pre-press Colour Management-Workflows and Proofing

Benefits:

- Develop knowledge of pre-press personnel on colour management issues
- Greater confidence in dealing with designers
- Tackle problems in colour conversion of artwork
- Increase efficiency in the pre-press and proofing
- Ensure ISO 12647 standards in pre-press are met

Course Objectives and methods:

The aim of the course would be for delegates to understand all the issues which can impact upon effective and efficient workflows in the pre-press area, and their impact upon colour quality reproduction on press. Practical examples are used to illustrate the pitfalls of poorly managed workflows and best practice is identified.

Course structure and content:

The course is a two day programme covering :

- PDF-X standards
- Specifying colour management settings
- Colour space conversion
- Pre-flighting and impacts on workflow/product quality
- Colour management in CtP workflows
- Proofing standards and measurement
- Calibration and monitoring

Who should attend:

- Internal Auditors
- Sales/Commercial staff needing to speak to their customers with authority on Colour Management
- Colour champions
- Pre-press and press management and staff responsible for day to day operations/production
- Print Management or Corporate buyers responsible for colour compliance of their suppliers
- Designers working with print companies to ensure accurate colour reproduction

Costs:

The in-company programme cost is £2500 for up to 10 delegates.

For the public programme, the cost is £395/delegate.

Costs include the issue of the Certificate of Attendance to each delegate and entry on the PMC public database of colour trained specialists.

Duration and Location:

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Module 7: Colour Management on Press

Benefits:

- Develop knowledge of effective processes to colour manage on press
- Reduce make ready times
- Enhance colour quality reproduction and reduce wastage
- Demonstrate enhanced colour quality to customers

Course Objectives and methods:

The aim of the course is to give delegates practical knowledge and insight into how to achieve improved colour quality on press, using differing measuring equipment and software, and knowledge of common pitfalls and best practice

Course structure and content:

This is a two day programme covering:

- Press maintenance
- Profiling a press
- Patch and scanning spectrophotometers
- Identifying, stabilising and standardizing press settings
- Making Ready
- Dry back calculations
- Assessing colour quality compliance

Who should attend:

- Senior Operations management responsible for implementation within the production environment
- Colour champions
- Pre-press and press management and staff responsible for day to day operations/production
- Internal Auditors
- Print Management or Corporate buyers responsible for colour compliance of their suppliers

Costs:

The in-company programme cost is £2500 for up to 10 delegates.

For the public programme, the cost is £395/delegate.

Costs include the issue of the Certificate of Attendance to each delegate and entry on the PMC public database of colour trained specialists.

Duration and Location:

This is a 2 day course. The in company programme can accept up to 10 delegates

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Module 8: Colour Conformity and the use of Spectrophotometers

Benefits:

- Confidence in claims for product compliance
- Identify and achieve colour quality compliance through measurement
- Understanding of the different methods for measurement
- Selection and use spectrophotometers effectively and accurately

Course Objectives and methods:

The course aims to give delegates a wide ranging understanding and practice in the use of spectrophotometers, understand those factors which can affect accuracy, how to control their use in production settings, and approaches to measuring and demonstrating colour quality compliance.

Course structure and content:

This is a one day programme covering:

- Colour measurement methods
- Measuring product compliance
- Assessing available spectrophotometers
- Factors affecting measurement performance
- Variation in, and control of, spectrophotometer accuracy
- Patch and scanning spectrophotometers
- ISO 12647 standards and spectrophotometers

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Who should attend:

- Senior/Operations management responsible for colour implementation within the production environment
- Colour champions
- Pre-press and press management and staff responsible for day to day operations/production
- Internal Auditors
- Print Management or Corporate buyers responsible for colour compliance of their suppliers

Costs:

The in-company programme cost is £1500 for up to 10 delegates

For the public programme, the cost is £250/delegate

Costs include the issue of the Certificate of Attendance to each delegate and entry on the PMC public database of colour trained specialists.

Duration and Location:

This is a 1 day course.

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