



ISO 12647 certification Requirements

Expert Meeting Intergraf
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Background

- Request by TC130 to make inventarisation of certification schemes



What is needed?

- Technical requirements w.r.t. ISO 12647
- Non ISO requirements for colour management
- Requirements on certification bodies
- Requirements on audits

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ISO 12647

- Interpretation of the standards
- How to deal with “oldfashioned” requirements
- How to deal with “modern” demands, not yet requirement in the ISO
- How does incomplete information in the ISO influence the international certification process

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ISO 12647 requirements

- Within tolerance:
 - Plate curve all colours
 - All printed colours: proof, ok, production
 - TVI for all colours: (proof), ok, production
 - Variation between proof, ok and production
 - Register
- No exception possible for any of the above
- Fail = no certificate

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ISO 12647 requirements

- Proof substrate – print substrate match?
- CTP higher demands?
- Proof of conformance of the ink to ISO 2846-1?

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Additional requirements

- If a devices like e.g., film processor, present should it be addressed and be in conformance?
- How to address prepress work which is not addressed in the ISO?
- How to address calibration and maintenance of all kind of measuring equipment, not only optical instruments?
- How to get a better tracable calibration or verification of the measuring instruments used?

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Certification bodies

- Should there be accreditation for certification bodies?
- ISO12647 certification bodies association?
- Demands on auditors w.r.t. independence and objectiveness?
- Demands on auditors w.r.t. technical knowledge and experience?
- How to handle self certification like Heidelberg?
- How to guarantee the effectiveness of the certificate over the period of validity?

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Additional points of discussion

- Which demands should there be on the documentation, or leave this to ISO 9000?
- Should the auditor or a related lab perform measurements to proof conformance?
- Should there be an accreditation for the measurements done?
- How is calibration of instruments verified?

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Conclusion

- Prevent confusion!
- Prevent devaluation of certification!
- Communicate to the market!

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Thank you

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