

Color Quality and INCQC Tutorial

5-6 AUGUST, RIO DE JANEIRO, BRAZIL

Introduction

Printing consistently that produces quality results over time should be a habit and one of the strategic objectives of an advanced newspaper house. This objective is the most critical for the satisfaction of advertisers and readers of the newspaper.

In order to achieve this goal, process control procedures and proven standards like ISO 12647-3 has to be established and practiced. The standard provides clear objective quality targets for newspapers, who aspire to print consistent high quality newspapers. The International Newspaper Color Quality Club (INCQC) competition held by WAN-IFRA since 1994 is based upon the specifications of ISO 12647-3.

Aim of the training project

The training aims to provide an understanding of implementing ISO 12647-3 in all areas of newspaper production and give an overview of the rules and regulations of INCQC 2016-18

Programme outline

A. Introduction to ISO 12647-3

- Why standards?
- Specifications of ISO 12647-3

B. Setting up the pre-press for a color

- Managed workflow
- Importance of color management
- Setting up the color imaging devices in pre-press for accurate color reproduction
- Setting up photoshop for color separation

C. RIP settings and Dot gain calibration

- Setting up the RIP for ISO 12647-3 implementation
- What is dot gain? The two types of dot gain.
- Measuring and analyzing the dot gain of a press
- RIP calibration to achieve 26% dot gain in press

D. Densitometry

- All about densitometry: Explanation of density, dot gain and trap measurements
- Using Spectrodensitometers for density measurements: Settings and standards
- Using spreadsheet for analysis

E. Color Measurements

- Using Spectrophotometer/ Spectrodensitometer for color measurements: Settings and standards
- Delta E1976 calculation
- Plotting and analyzing the 2-d color gamut of a press

F. Standardization of Raw materials

- Newsprint and ink standardization

G. INCQC 2016-18 instructions

- Objective of the competition
- Benefits of participation and INCQC Club membership
- Overview of Time frame and deadlines
- Description of INCQC 2016-2018 instructions and categories
- File handling of the test element "WAN-IFRA Cuboid"
- Description of the evaluation procedure of general print quality



Trainer

Anand Srinivasan,
Research Manager
WAN-IFRA

Anand is the manager of INCQC project and is also responsible for the activities at WAN-IFRA Research and Material Testing Centre, Chennai, which offers newsprint and newsink testing, print quality evaluation and research on print related subjects.

He was one of the members of the Jury that judged the general print quality of newspapers in INCQC 2010-12. In the last five years with WAN-IFRA, he has published many research reports on newsprint and newsink and has written several articles in different technical magazines. His areas of expertise are colour management, quality control and measurement tools, print process standardisation, newsprint and newsink standardisation and 3-D printing.

Who should attend?

Personnel working in prepress, press, production, quality control, materials and printing plant managers, as well as staff responsible for printing quality.

Register here: <http://bit.ly/1JQniBy>

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Venue

Parque Gráfico da Infoglobo/RJ
Rodovia Washington Luiz, 3000
Duque de Caxias – Rio de Janeiro, Brazil

Hotel

Mont Blanc Apart Hotel
Room Reservation: Priscila Andreza
Tel: + (21) 2784-0500
Email: reserva.dc@redemontblanc.com.br
Website: <http://www.redemontblanc.com.br/duque-de-caxias/>

Fees

General fee: 350EUR + VAT
ANJ Member: 280EUR + VAT
WAN-IFRA Member: 230EUR + VAT

Fee includes

Training materials, coffee breaks & luncheons.

For more information

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Schedule

- 5 August: 09:00 hrs – 18:00 hrs
- 6 August: 09:00 hrs – 18:00 hrs

Full schedule: <http://bit.ly/1NUccde>

Important Note:

Payment is required with registration and must be received prior to the training to confirm your booking. Confirmation will only be sent via upon receipt of payment. WAN-IFRA reserves the right to make any amendments that it deems to be in the interest of the training without notice.

Cancellation and Replacement:

Any cancellation or replacement must be sent in writing via email or fax. A 50% refund will be given if cancellation is received 2 weeks before the training. Regrettably, no refund can be made for cancellation received less than 2 weeks before the training. A replacement is welcome if you are unable to attend. Written notice should be given to WAN-IFRA not later than 2 weeks before the training.