WAN IFRA
World Association of Newspapers and News Publishers

RMTC

Densitometry

A hands-on training program for newspaper production and quality control personnel

19 - 20 April 2012, Chennai

Programme

Day 1: 09:30 - 17:00 Hr
Day 2: 09:30 - 16:00 Hr

- **Densitometry**
  - Density, Dot gain, Trap, Print contrast, Hue error and grayness
  - Density measurement: Settings and standards
  - How to use MS excel for analysis
- **Color Measurements:**
  - Introduction to L*a*b* color space
  - Colour measurement: Settings and standards
  - Delta E_{1976} calculation
  - Plotting and analysis the 2-d color gamut
- **Plate Control**
  - How to use plate dot meters
  - RIP Calibration
- **Control strip evaluation**
  - Measurement and Analysis of test strips
  - On the spot evaluation of WAN-IFRA cuboid
  - Multiple measurements by the participants
- **General print quality**
  - How to evaluate your general print quality?
  - Hands-on: Live evaluation of printed copies

Target Group

- Production managers
- Quality control managers and executives
- Pre-press, Press Engineers and Supervisors

More information at:
www.wan-ifra.org/academy

Introduction

Efficient production with consistent print quality 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 the advertisers and the readers of the newspaper. In order to achieve this goal, quality control procedures have to be established and practiced.

In every publishing house, quality control tools such as Densitometers, Spectrophotometers and Plate dot meters have become an indispensable part of the press room. Though these equipment are used every day, confusion still exists on what are the right settings that has to be used to get repeatable measurements across different equipment.

This training provides a comprehensive explanation of the concepts of measurement and the right settings to follow. The training will follow a hands-on approach for participants to learn these concepts.

Note: The participants are requested to bring their Densitometers/Spectrodensitometers for the hands-on exercises in the training.

INFORMATION

Trainer

Anand Srinivasan is 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 three years with WAN-IFRA, he has published three 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.

Fee per participant

	WAN-IFRA Member	Non-Member
1 participant:	INR 12,500	INR 15,000
3 or more participants:	INR 10,000	INR 12,500

Please add 10.3% service tax to the fee
Included in the price are the course fee, documentation, luncheon and beverages during breaks.

Important: *The participation is limited to 15 delegates on first-come first-served basis. Please register before 30 March for confirmation.*

Venue

Savera Hotel,
146, Dr.Radhakrishnan Road,
Chennai 600004, India
Tel: +91.44.2811 4700
www.saverahotel.com

Contact

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REGISTRATION FORM

Densitometry

WAN-IFRA Research and Material Testing Centre, Chennai

Please copy, fill in and fax or mail to:
WAN-IFRA South Asia Pvt. Ltd., 54 K.B.Dasan Road, SIET Admn. Building, Chennai 600 018, India · Fax +91.44.2435 9744 · rmtc@wan-ifra.org

First name/s _____

Surname _____

Company _____

Position _____

House no./street _____

City/postal code _____

Country _____

E-Mail _____

Phone _____

Fax _____

Signature _____

Please register me for

☐ Densitometry

Payment details:

Cheque / demand draft favouring ***WAN-IFRA South Asia Pvt Ltd*** for

INR / EUR _____ enclosed.

Name in block capitals _____

Address the invoice to _____

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Excerpt from the General Terms and Conditions for WAN-IFRA Public Training Events

2. Registration
2.1 Registration can be submitted in writing to WAN-IFRA by mail, fax or e-mail. For the participant, the registration constitutes a binding offer for the conclusion of a contract for participation in the event described in the registration. This offer is subject to acceptance by WAN-IFRA. This is signalled by WAN-IFRA by confirmation to the participant that he has been accepted for participation in the event concerned.
...
2.3 In order to ensure optimum training conditions, the number of participants is limited. Registrations will be processed in the sequence of reception.
3. Performance and Change of Performance
...
3.4 WAN-IFRA can cancel or postpone events in case of too few participants (at latest two weeks before the start of the event) or cancellation of a speaker or other circumstances for which it is not responsible. In such cases, WAN-IFRA is relieved of the obligation to hold the event and shall reimburse participants any fees already paid.
4. Conditions of Payment
...
4.2 The participation fee becomes due upon receipt of the invoice.
5. Cancellation and No Show
...
5.3 The participant can cancel free of charge up to 14 calendar days before the event begins.
5.4 If the participant cancels between the 14th and seventh calendar day before the event begins, WAN-IFRA will charge 50% of the participation fee as a cancellation fee. If the participant cancels later than seven days before the event begins, or fails to attend or does attend only a part of the training event, then the regular participation fee will be charged.
5.5 If a participant cannot personally attend an event for which he has a firm booking, he has the possibility to name a substitute. WAN-IFRA must be notified of this in writing, stating the name and address of the substituting person.
6. Liability
...
6.5 In case of withdrawal from the contract or cancellation of the event by WAN-IFRA, no reimbursement of costs for booking the travel or accommodation will be afforded.