

Certification According to „Process Standard Offset“ (ISO 12647-2)

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bvdm/Fogra Certification

- **Common certification programme with bvdm since 3 years**
 - Demonstration of quality to the outside world
 - Ensurance of smooth production internally
 - Elimination of complaints
- **Certificate**
 - Issued by Fogra and bvdm
 - Valid for two years
- **Certified companies**
 - Worldwide: approx. 250
 - Germany: approx. 200

Certificate

APPROVED QUALITY Process Standard Offset



Testshop AG
Street 00
Code and location
COUNTRY

has successfully passed an extensive examination according to the standards of ISO 12647-2 Process Standard Offset. All test values and results range within the extent of tolerance.

Contents of examination:

- Qualified colour management
- Creation of contract proofs
- Standardized platemaking
- Print run with sheet-fed and web offset printing machines according to Process Standard Offset

The results are documented in the test report 070301/JG.

Fogra and the German Print and Media Associations confirm and certify the verified competence and quality of the certificate holder.

This certificate is valid until March 31st, 2009.

On behalf of Fogra Forschungsgesellschaft Druck and Print and Media Associations, March 2007

Dr. Eduard Neufeld
Fogra Forschungsgesellschaft Druck e.V.

Karl-Georg Nickel
Verband Druck und Medien Bayern e.V.

vdm
Baden-Württemberg

vdm
Bayern

vdm
Berlin-Brandenburg

vdm
Hessen

vdm
Niedersachsen

vdm
Nord

vdm
Nordrhein-Westfalen

vdm
Rheinland-Pfalz,
Saarland



vdm
Sachsen, Thüringen,
Sachsen-Anhalt

vpdm
Südbaden



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- The ProcessStandard Offset
- Advantages of the PSO
- Certification
- Support & Services
- Costs
- New devices
- Downloads/Links
- Contact person
- Certified companies
 - Database
 - Log-In
- About this site

PSO-Insider

In this database all certified companies are listed. With the "GO"-button you will gain a compilation of all companies matching your search-criterias.

Zertifizierung/Kategorie	Unternehmen	PLZ	Land	
-			-	Go!

SUCHE NACH DRUCKEREI/VORSTUFE

Druck:	alle
Druckvorstufe:	alle
Internet:	alle
Multimedia:	alle
Produktionsverfahren:	alle
Werbung:	alle
Weiterverarbeitung:	alle
Go!	

Note:

The companies enter and maintain their data themselves.
They do not have to comply with the certified categories.

Seal of Approval



Advertisizing ...



Application Procedure

- Getting in contact with Fogra: gemeinhardt@fogra.org
- Filling-in of a questionnaire
- Seminars or consultancy at site
- Fixing a day for the certification test
- Delivery of test formes and prepress assignments
- Test with Fogra employee at site
- Evaluation by Fogra and bvdm
- Issuance of the certificate / repeating the test
- Coarse intermediate test after one year

What is Tested?

- **Aim values and tolerances**
 - Process Standard Offset
 - In accordance with ISO 12647
- **Quality controls**
 - Control strips, measuring devices ...
 - Suitable strategies
- **Knowledge**
 - Entire workflow
 - On every workplace

What can be certified?

- **Prepress**
 - Expert colour management
 - Contract proof creation
- **Print**
 - Standardized platemaking
 - Production printing
 - Sheet-fed offset printing
 - Heatset offset printing
 - Continuous forms printing
 - Newsprinting

Certification Test

- **Test, no consultancy!**
- **Fogra employee must be at site**
 - Sheet-fed or web machines: approx. 1 day
 - Sheet-fed and web machines: approx. 1 ½ days
- **Introductory talk**
 - Leading employees of participating departments
 - Workflow, equipment, quality controls ...
- **Following the production process**

Prepress

- **Colour management assignment**
 - Demonstration of solutions
 - Profiled monitor with suitable viewing conditions
- **Scanner assignment**
- **2 contract proofs**
 - Depending on paper type used for printing
 - Simulation of PT 1/2 (PT 3) and PT 5
- **Equipment to be checked**
 - Preflight check tools
 - D50 standard light
 - Colour measurement devices

Platemaking

- **Output of test forme**
- **Demonstration of quality checks**
 - Digital plate wedge
 - Visual check / tone value measurements
 - Processor
- **Tone value corrections in RIP**
 - How to make test prints
 - Correction tables
- **Assurance of suitable strategies**

Print Run

- **Only one paper chosen by print shop**
 - Sheet-fed machines: PT 1/2
 - Web machines: PT 3 (PT 1/2)
- **Print run**
 - Sheet-fed machines
 - 5,000 impressions
 - One-sided
 - Web machines
 - 10,000 impressions
 - One- or two-sided
 - Only one side is evaluated (beforehand arrangement)

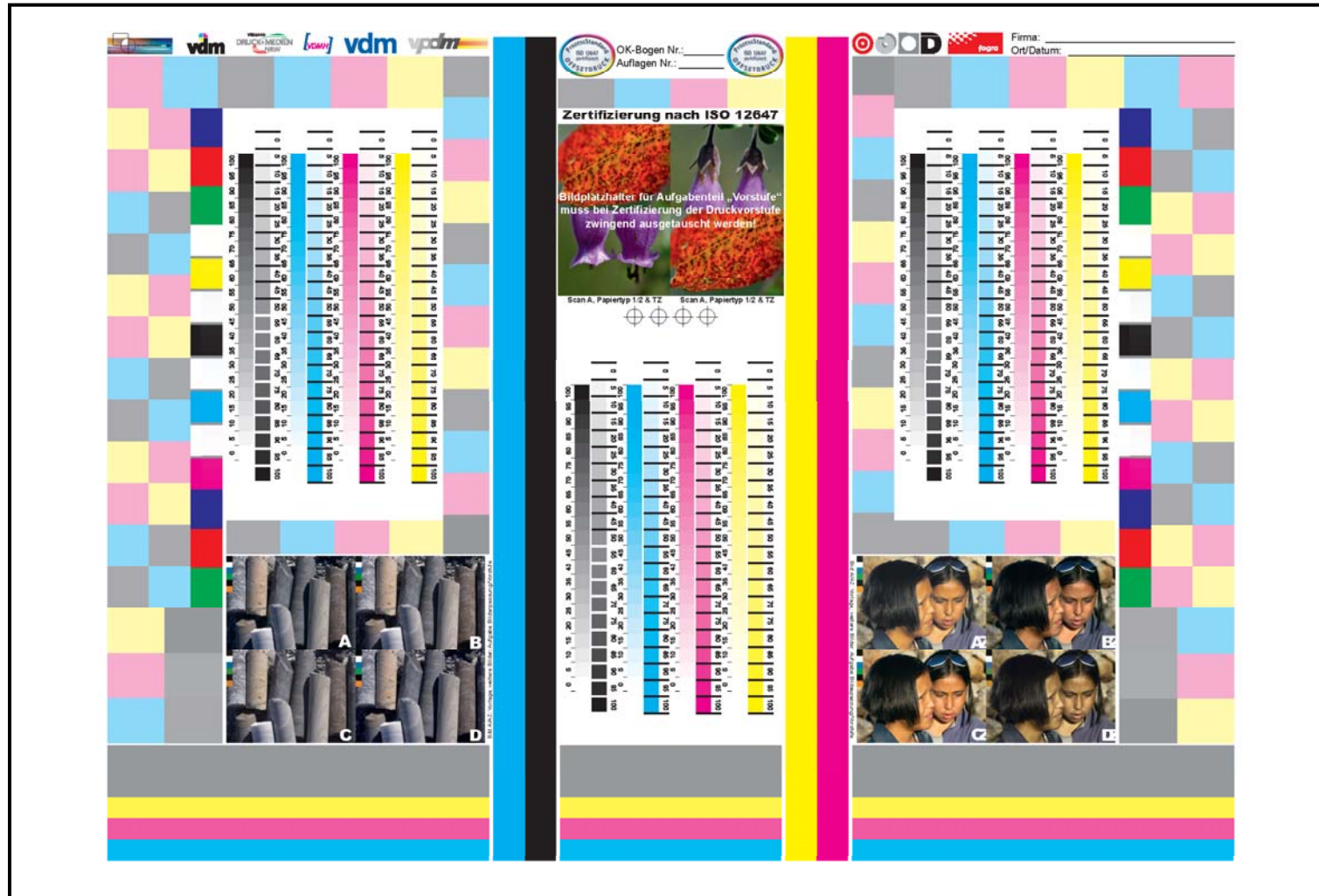
Evaluation

- **Measurements by Fogra and bvdn**
- **OK sheets**
 - Average of 3 samples
 - Parameters
 - Solid tone colours of primaries (secondaries informative)
 - Tone value increases, spread and tonal range
 - Register deviation
- **Print run**
 - 7 out of 10 samples must be within tolerances
 - Parameters
 - Solid tone colours of primaries
 - Tone value increase
 - Register deviation

Intermediate Test

- **After one year without reminder**
- **No presence at print shop necessary**
- **Documents to be sent to Fogra**
 - 6 standardized printed samples with suitable print control strip (out of any print run)
 - 1 contract proof with media wedge (same paper type)
- **Coarse evaluation**
 - Solid tones and tone value increase
 - Media edge
 - No measuring report

Test Forme for Sheet-fed Machines



Test Pages for Web Machines

