# Report

| | |
|---|---|
| *Job name* | CMnet - MediaWedge - ISOcoated_v2 - Fogra39 - EyeOne |
| *Measurement file* | CMnet - MediaWedge - ISOcoated_v2 - Fogra39 - EyeOne-006 |
| *Reference file* | FOGRA39.txt |
| *Date / Time* | Tue Sep 9 09:00:48 2008 |
| *Instrument* | GretagMacbeth EyeOne |
| *Measurement backing* | White backing |
| *Illuminant/Observer* | D50 / 2 |
| *Customer* | Southern Connecticut State University |
| *Printer* | Epson 9880 |
| *Media* | GMG Premium Proofing 250g Semi Matte |
| *Ink* | Epson Ultrachrome K3 VM |
| *Screening* | 720 |
| *Resolution* | 720 |
| *User name* | Neil Barstow |
| *Signature* | _____ |

*Notes*

Control of digital proofs with the Ugra/FOGRA Media Wedge CMYK v2.0a (Strip-Target).
The Production Thresholds are in accordance to the P.S.O. 'ProzessStandard Offsetdruck' (2007) of the German Printing and Media Industries Federation - according to the draft ISO/DIS 12647-7.

The allowed deviation from the target values is as follows:
average delta E (ab) of all patches:   3.0
maximum delta E (ab) of all patches:  6.0

maximum delta E (ab) of simulated substrate: 3.0
maximum delta E (ab) of ink primaries:  5.0

maximum delta H of ink primaries:  2.5
average delta H of chromatic grays (G10-G100): 1.5

| Criterion | | Tolerance Standard | Tolerance Recommended | Result |
|---|---|---|---|---|
| Average $\Delta E^*ab$ = | 1.45 | 3.0 | 2.5 | OK |
| Peak $\Delta E^*ab$ = | 2.92 (A6) | 6.0 | 5.0 | OK |
| Paper White $\Delta E^*ab$ = | 0.74 (B17) | 3.0 | 2.5 | OK |
| Primaries Peak $\Delta E^*ab$ = | 2.00 (A1) | 5.0 | 4.0 | OK |
| Primaries Peak $\Delta H$ = | 1.63 (A1) | 2.5 | 2.0 | OK |
| CMY-grey - G10-G100 Average $\Delta H$ = | 0.51 | 1.5 | 1.2 | OK |

## The proofer works inside the standard tolerances (Ugra/Fogra 2007).

## The proofer works inside the lower in-house tolerances.

# Report

| | | Target | | | | | Reference | | | Measured | | | Color difference | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ID | Name | C | M | Y | K | L* | a* | b* | L* | a* | b* | ΔE*ab | ΔL* | Δa* | Δb* | ΔC* | ΔH* |
| | 1 | A1 | 100 | 0 | 0 | 0 | 55.0 | -37.0 | -50.0 | 56.2 | -38.3 | -49.0 | 2.0 | 1.1 | -1.3 | 1.0 | -0.1 | 1.6 |
| | 2 | A2 | 70 | 0 | 0 | 0 | 66.9 | -24.7 | -37.1 | 68.3 | -25.2 | -35.8 | 2.0 | 1.4 | -0.5 | 1.3 | -0.8 | 1.2 |
| | 3 | A3 | 40 | 0 | 0 | 0 | 79.7 | -12.5 | -21.8 | 80.3 | -12.7 | -21.0 | 1.0 | 0.6 | -0.2 | 0.7 | -0.5 | 0.5 |
| | 4 | A4 | 0 | 100 | 0 | 0 | 48.0 | 74.0 | -3.0 | 47.5 | 74.3 | -3.8 | 1.0 | -0.5 | 0.3 | -0.9 | 0.3 | 0.8 |
| | 5 | A5 | 0 | 70 | 0 | 0 | 60.8 | 50.6 | -6.7 | 61.5 | 49.7 | -8.0 | 1.7 | 0.6 | -0.9 | -1.3 | -0.7 | 1.4 |
| | 6 | A6 | 0 | 40 | 0 | 0 | 76.4 | 25.8 | -6.9 | 77.8 | 23.4 | -7.8 | 2.9 | 1.4 | -2.4 | -0.9 | -2.1 | 1.5 |
| | 7 | A7 | 0 | 0 | 100 | 0 | 89.0 | -5.0 | 93.0 | 89.1 | -4.8 | 91.8 | 1.2 | 0.1 | 0.2 | -1.2 | -1.2 | 0.2 |
| | 8 | A8 | 0 | 0 | 70 | 0 | 90.3 | -4.7 | 62.6 | 90.7 | -4.7 | 60.0 | 2.6 | 0.4 | 0.0 | -2.6 | -2.6 | 0.2 |
| | 9 | A9 | 0 | 0 | 40 | 0 | 92.2 | -3.5 | 31.1 | 92.5 | -3.5 | 30.4 | 0.8 | 0.3 | -0.0 | -0.8 | -0.7 | 0.1 |
| | 10 | A10 | 20 | 70 | 70 | 0 | 53.1 | 37.7 | 28.9 | 53.1 | 37.1 | 27.6 | 1.4 | 0.1 | -0.6 | -1.3 | -1.2 | 0.7 |
| | 11 | A11 | 40 | 70 | 70 | 20 | 41.5 | 22.7 | 16.8 | 41.3 | 21.6 | 16.0 | 1.4 | -0.2 | -1.2 | -0.7 | -1.4 | 0.1 |
| | 12 | A12 | 40 | 100 | 100 | 20 | 31.9 | 40.0 | 24.0 | 31.1 | 40.5 | 22.5 | 1.8 | -0.8 | 0.5 | -1.5 | -0.3 | 1.5 |
| | 13 | A13 | 40 | 100 | 40 | 20 | 32.5 | 44.5 | -1.8 | 32.4 | 44.9 | -2.7 | 1.0 | -0.2 | 0.4 | -0.9 | 0.5 | 0.9 |
| | 14 | A14 | 40 | 40 | 100 | 20 | 51.3 | 1.3 | 44.5 | 51.3 | 0.6 | 43.5 | 1.2 | 0.1 | -0.7 | -0.9 | -1.0 | 0.6 |
| | 15 | A15 | 100 | 40 | 100 | 20 | 34.6 | -36.4 | 13.9 | 34.8 | -35.8 | 14.0 | 0.7 | 0.2 | 0.7 | 0.2 | -0.6 | 0.4 |
| | 16 | A16 | 100 | 40 | 40 | 20 | 36.0 | -26.2 | -20.9 | 36.1 | -26.5 | -20.2 | 0.7 | 0.2 | -0.3 | 0.6 | -0.2 | 0.7 |
| | 17 | A17 | 100 | 100 | 40 | 20 | 20.9 | 9.6 | -23.6 | 20.8 | 10.1 | -23.7 | 0.5 | -0.2 | 0.5 | -0.1 | 0.3 | 0.4 |
| | 18 | B1 | 100 | 100 | 0 | 0 | 24.0 | 22.0 | -46.0 | 24.8 | 21.3 | -46.4 | 1.1 | 0.8 | -0.7 | -0.4 | 0.1 | 0.8 |
| | 19 | B2 | 70 | 70 | 0 | 0 | 40.9 | 17.9 | -36.6 | 41.6 | 18.3 | -37.2 | 1.1 | 0.8 | 0.4 | -0.6 | 0.8 | 0.1 |
| | 20 | B3 | 40 | 40 | 0 | 0 | 63.7 | 10.3 | -23.8 | 65.7 | 8.7 | -24.1 | 2.6 | 2.0 | -1.6 | -0.3 | -0.3 | 1.6 |
| | 21 | B4 | 0 | 100 | 100 | 0 | 47.0 | 68.0 | 48.0 | 46.5 | 68.5 | 47.1 | 1.1 | -0.6 | 0.5 | -0.9 | -0.1 | 1.0 |
| | 22 | B5 | 0 | 70 | 70 | 0 | 58.5 | 47.1 | 37.9 | 59.2 | 46.5 | 36.1 | 2.0 | 0.7 | -0.6 | -1.8 | -1.6 | 1.0 |
| | 23 | B6 | 0 | 40 | 40 | 0 | 74.2 | 22.9 | 21.4 | 75.7 | 20.5 | 21.8 | 2.9 | 1.5 | -2.5 | 0.4 | -1.5 | 2.0 |
| | 24 | B7 | 100 | 0 | 100 | 0 | 50.0 | -65.0 | 27.0 | 50.9 | -64.3 | 26.0 | 1.5 | 0.9 | 0.7 | -1.0 | -1.0 | 0.6 |
| | 25 | B8 | 70 | 0 | 70 | 0 | 62.1 | -39.8 | 21.0 | 63.6 | -39.6 | 21.3 | 1.5 | 1.5 | 0.2 | 0.3 | -0.1 | 0.3 |
| | 26 | B9 | 40 | 0 | 40 | 0 | 77.0 | -19.1 | 11.0 | 78.1 | -19.4 | 10.9 | 1.2 | 1.1 | -0.3 | -0.1 | 0.2 | 0.2 |
| | 27 | B10 | 10 | 40 | 40 | 0 | 71.2 | 18.9 | 17.2 | 72.7 | 17.0 | 17.9 | 2.5 | 1.5 | -1.8 | 0.7 | -0.8 | 1.8 |
| | 28 | B11 | 0 | 40 | 100 | 0 | 71.2 | 22.1 | 73.1 | 72.3 | 20.6 | 72.7 | 1.9 | 1.1 | -1.5 | -0.4 | -0.8 | 1.4 |
| | 29 | B12 | 0 | 100 | 40 | 0 | 47.7 | 71.2 | 16.2 | 47.3 | 71.7 | 15.2 | 1.2 | -0.4 | 0.5 | -1.0 | 0.3 | 1.1 |
| | 30 | B13 | 40 | 100 | 0 | 0 | 38.0 | 55.4 | -20.9 | 38.3 | 56.3 | -22.0 | 1.4 | 0.3 | 0.9 | -1.1 | 1.2 | 0.7 |
| | 31 | B14 | 40 | 0 | 100 | 0 | 73.7 | -22.8 | 67.6 | 74.8 | -22.4 | 67.6 | 1.2 | 1.1 | 0.4 | -0.0 | -0.2 | 0.4 |
| | 32 | B15 | 100 | 0 | 40 | 0 | 52.3 | -52.3 | -20.1 | 54.1 | -52.9 | -18.8 | 2.3 | 1.7 | -0.6 | 1.4 | 0.1 | 1.5 |
| | 33 | B16 | 100 | 40 | 0 | 0 | 43.3 | -17.0 | -48.6 | 44.8 | -18.7 | -48.8 | 2.2 | 1.4 | -1.7 | -0.2 | 0.8 | 1.5 |
| | 34 | B17 | 0 | 0 | 0 | 0 | 95.0 | 0.0 | -2.0 | 95.3 | -0.0 | -2.7 | 0.7 | 0.3 | -0.0 | -0.7 | 0.7 | 0.0 |
| | 35 | K10 | 0 | 0 | 0 | 10 | 89.0 | 0.0 | -1.9 | 89.6 | 0.0 | -2.5 | 0.9 | 0.6 | 0.0 | -0.7 | 0.7 | 0.0 |
| | 36 | K20 | 0 | 0 | 0 | 20 | 82.8 | 0.0 | -1.7 | 84.0 | -0.2 | -2.3 | 1.4 | 1.2 | -0.2 | -0.6 | 0.6 | 0.2 |
| | 37 | K40 | 0 | 0 | 0 | 40 | 69.3 | 0.0 | -1.4 | 70.1 | -0.2 | -2.0 | 1.1 | 0.8 | -0.2 | -0.6 | 0.7 | 0.2 |
| | 38 | K60 | 0 | 0 | 0 | 60 | 54.1 | 0.0 | -1.0 | 54.7 | -0.5 | -1.1 | 0.8 | 0.6 | -0.5 | -0.2 | 0.3 | 0.5 |
| | 39 | K80 | 0 | 0 | 0 | 80 | 36.6 | 0.0 | -0.5 | 36.9 | -0.8 | -0.7 | 0.8 | 0.3 | -0.8 | -0.2 | 0.5 | 0.6 |
| | 40 | K100 | 0 | 0 | 0 | 100 | 16.0 | 0.0 | 0.0 | 16.4 | -0.5 | 0.1 | 0.6 | 0.4 | -0.5 | 0.1 | 0.5 | 0.0 |
| | 41 | G10 | 10 | 6 | 6 | 0 | 88.5 | -0.4 | -3.1 | 89.8 | -0.9 | -3.9 | 1.5 | 1.2 | -0.5 | -0.8 | 0.9 | 0.4 |
| | 42 | G20 | 20 | 12 | 12 | 0 | 81.9 | -0.9 | -4.1 | 83.2 | -1.0 | -5.0 | 1.6 | 1.3 | -0.1 | -0.9 | 0.9 | 0.1 |
| | 43 | G40 | 40 | 27 | 27 | 0 | 67.7 | -2.0 | -4.4 | 69.0 | -2.4 | -4.7 | 1.5 | 1.3 | -0.5 | -0.3 | 0.5 | 0.3 |
| | 44 | G60 | 60 | 45 | 45 | 0 | 52.2 | -2.5 | -3.5 | 53.6 | -3.2 | -3.4 | 1.6 | 1.4 | -0.8 | 0.2 | 0.4 | 0.7 |
| | 45 | G80 | 80 | 65 | 65 | 0 | 37.5 | -3.9 | -3.2 | 38.3 | -4.6 | -2.5 | 1.3 | 0.8 | -0.7 | 0.6 | 0.2 | 0.9 |
| | 46 | G100 | 100 | 85 | 85 | 0 | 26.3 | -6.8 | -3.4 | 26.7 | -7.7 | -3.1 | 1.1 | 0.4 | -0.9 | 0.3 | 0.7 | 0.7 |