

ISO 18944:2014-06 (E)

Imaging materials - Reflection colour photographic prints - Test print construction and measurement

| Contents | | Page |
|-----------------------|--------------------------------------------------------------------------------------------------------------|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Requirements | 3 |
| 5 | Digital file preparation | 3 |
| 5.1 | Digital test file usage situations | 3 |
| 5.2 | Digital test file general requirements | 4 |
| 5.3 | Preparing the digital test file for an image print stability test | 6 |
| 5.4 | Preparing the digital test file for an image forming materials stability test | 7 |
| 5.5 | Target print uniformity | 8 |
| 5.6 | Test chamber condition uniformity | 8 |
| 6 | Generating the target prints | 9 |
| 6.1 | Digital print preparation | 9 |
| 6.2 | Source preparation for conventional silver gelatine photographic materials | 9 |
| 6.3 | Configuring the printing system and generating the target prints | 9 |
| 6.4 | Conditioning the prints after printing | 10 |
| 7 | Target print holding and measurement conditions | 11 |
| 7.1 | Measurement timing | 11 |
| 7.2 | Holding and measurement conditions | 11 |
| Annex A (normative) | Required sRGB encoded patch values for image print stability test target and patch selection process | 14 |
| Annex B (informative) | Method of interpolation for step wedge exposures | 24 |
| Annex C (informative) | How to build the digital test file and print "image print stability" target print | 25 |
| Annex D (informative) | How to build the digital test file and print "the image forming materials stability test" target print | 27 |
| Annex E (informative) | Method to limit measurement error | 28 |
| Bibliography | | 31 |