ISO/IEC 24711:2015-11 (E)

Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Test parameters and conditions 3
4.1 Set up 3
4.2 Sample size 4
4.3 Print mode 4
4.4 Print environment 5
4.5 Paper 5
4.6 Maintenance 5
4.7 Test files 6

5 Test methodology 6
5.1 Testing procedure 6
5.1.1 Preparation 6
5.1.2 Installation of test cartridges 6
5.1.3 Testing 7
5.1.4 End of cartridge life procedure 7
5.2 Procedure for handling streaks 7
5.2.1 Nozzle cleaning 7
5.3 Procedure for handling a defective cartridge, printhead or printer failure 8
5.3.1 General 8
5.3.2 Defective cartridge 8
5.3.3 Defective printhead 9
5.3.4 Defective printer 9

6 Determination of the declared yield value and declaration 9
6.1 Yield of primary cartridges 9
6.2 Yield of supplemental cartridges 10
6.3 Test data reporting 11
6.4 Declaration of the yield 12

Annex A (informative) Examples of fade 17

Annex B (informative) Examples of streaks 18

Annex C (normative) Test reporting form 19

Annex D (informative)Processflowchart 23

Bibliography 28