

# ISO/IEC 15421:2000-09 (E)

## Information technology - Automatic identification and data capture techniques - Bar code master test specifications

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Conformance .....	1
3	Normative references .....	1
4	Terms and definitions .....	1
5	Symbols and abbreviated terms .....	3
6	Physical requirements .....	3
6.1	Material .....	3
6.1.1	Dimensional stability .....	3
6.1.2	Archival properties .....	3
6.2	Physical requirements controlled by the manufacturing process .....	3
6.2.1	Target bar width .....	3
6.2.2	Bar width adjustment .....	3
6.3	Tolerances .....	4
6.3.1	Tolerance A - all symbologies .....	4
6.3.2	Tolerance B - two width symbologies .....	4
6.3.3	Tolerance C - (n,k) symbologies .....	4
6.3.4	Tolerance D - all symbologies .....	4
6.4	Bar edge characteristics .....	4
6.4.1	Bar edge conformance .....	4
6.4.2	Bar edge gradient .....	4
6.5	Defects .....	5
6.6	Quiet zones .....	5
6.7	Corner marks .....	5
6.8	Optical densities .....	5
6.8.1	Minimum density (Dmin) .....	5
6.8.2	Maximum density (Dmax) .....	5
6.9	Orientation .....	5
6.10	Polarity .....	5
6.11	Encodation .....	5
6.12	Human readable interpretation .....	5
7	Test methods .....	6
7.1	Bar and space width measurement .....	6
7.1.1	Conditions for dimensional measurements .....	6
7.1.2	Calculation of the achieved bar width adjustment .....	6
7.2	Test report and traceability .....	7
Annex A (informative)	Optical density profiles .....	8