

ISO/IEC 29133:2010-05 (E)

Information technology - Automatic identification and data capture techniques - Quality test specification for rewritable hybrid media data carriers

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	Symbols and abbreviations	2
5	Hybrid media functions and process description	3
6	Conformance tests for the Rewritable Media system	3
6.1	General	3
6.2	Product conformance	3
6.3	Process control factors	4
6.4	Process control methods	5
7	Conformance tests for RFID tag component	6
7.1	General	6
7.2	Product conformance	6
7.3	RFID performance testing	6
7.4	Process control methods	7
8	Conformance considerations to integrate the different data carrier technologies	8
8.1	Overview	8
8.2	Data and memory mapping considerations	8
8.3	Processing the RFID air interface commands	8
8.4	Locking of data on the RFID tag	8
8.5	Erase and rewrite cycle: RFID implications	8
8.6	RFID and sensors	9
8.7	Co-ordinating the data flows	9
Annex A (informative)	Example of Rewritable Hybrid Media Data Carrier	10
Annex B (informative)	In-line quality evaluation mechanism	12
Annex C (informative)	Process control method to estimate the end of life	14
Annex D (informative)	Operational flowcharts	16
Bibliography		20