

ISO 12931:2012-06 (E)

Performance criteria for authentication solutions used to combat counterfeiting of material goods

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	General principles	5
3.1	Introduction	5
3.2	Authentication process	6
3.3	Performance requirements for authentication solutions	6
3.4	Categorization of authentication solutions	7
4	Performance criteria specification based on risk analysis	9
4.1	Introduction	9
4.2	Performance criteria categories	10
4.3	Criteria for the selection of authentication elements	10
4.4	Attack resistance criteria for the selection of authentication tools	14
4.5	Criteria for the selection of authentication solutions	15
5	Effectiveness assessment of the authentication solution	19
5.1	General	19
5.2	Effectiveness assessment in manufacturing of authentication elements	20
5.3	Effectiveness measurement in the normal verification/authentication situation	21
5.4	Effectiveness assessment in the emergency verification/authentication situation	22
5.5	Summary of effectiveness assessments	22
Annex A (informative) Assessment grid		23
Annex B (informative) Control means access table		27
Bibliography		28