

ISO 18186:2011-12 (E)

Freight containers - RFID cargo shipment tag system

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	RFID cargo shipment tag system	2
4.1	System composition	2
4.2	System operator	2
4.3	System authorization	2
4.4	System functions	2
4.5	System internal data transmission	3
4.6	System safeguard measures	3
5	RFID cargo shipment tag	3
5.1	General requirements	3
5.2	Tag installation	4
5.3	Data content and format	4
5.4	Electronic security guarantee	5
5.5	Working environment	5
5.6	RF operations	5
6	Reader	5
6.1	Types	5
6.2	Functions	5
6.3	Data interface	5
7	RFID cargo shipment tag system operation	5
7.1	RFID cargo shipment tag system operational conditions	5
7.2	RFID cargo shipment tag system operational requirements	6
8	Reliability and accuracy of RFID cargo shipment tag system	6
9	Tag operation	6
Annex A (normative) Data format for RFID cargo shipment tag		7
Bibliography		9