

DIN EN 14803:2006-05 (E)

Identification and/or determination of the quantity of waste

Contents		Page
Foreword		4
Introduction		5
1 Scope		6
2 Normative references		6
3 Terms and definitions		7
4 Requirements		10
4.1 General requirements on safety and health		10
4.2 Data carriers		11
4.3 Sensing devices		13
4.4 On Board Computer (OBC)		15
4.5 Data processing centre (DPC)		15
4.6 Data structure and transfer		16
4.7 Integrity of data		18
Annex A (normative) Positions of transponders on waste containers to be handled by the comb lifting device with identification		19
Annex B (normative) Positions of optical data carriers (dot code/bar code labels) on waste containers		21
Annex C (informative) Recommended positions of transponders on waste containers to be handled by lifting devices other than the comb lifting device defined in A.2		23
Annex D (normative) Integration of systems for ID and DQW on lifting devices - requirements		27
Annex E (normative) Application and registration procedures for manufacturers/suppliers		28
Bibliography		31
Figures Figure A.1 -- Comb lifting device with identification		19
Figure B.1 -- Definition of lifting level		22
Figure C.1 -- Transponder attached to a rib		23
Figure C.2 -- Transponder attached to the waste container body		24
Figure C.3 -- Transponder position on waste containers for trunnion or other lifting device (I)		25
Figure C.4 -- Transponder position on waste container for trunnion lifting device (II), view on emptying side		25
Figure C.5 -- Transponder position on BG receiver		26
Tables Table 1 -- Requirements and tests for transponders		12
Table 2 -- Test requirements and acceptance criteria for bar code/dot code stickers		13

Table 3 -- Test requirements for sensing devices	14
Table 4 -- Code structure of the unique identification in the transponder	17
Table A.1 -- Transponder positions	20
Table B.1 -- Positions of optical data carriers	21