

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 |