

DIN EN 1501-1:2010-02 (E)

Refuse collection vehicles and their associated lifting devices - General requirements and safety requirement s - Part 1: Rear-end loaded refuse collection vehicles
(includes Amendment A2:2009)

Contents

	Page
Foreword	3
Introduction	4
1 Scope	4
2 Normative references	4
3 Definitions	5
4 Types	8
4.1 Rear loaded collection vehicles	8
4.2 Compaction system	8
4.3 Discharge system	8
4.4 Operation of lifting devices	9
4.5 Loading system	9
5 List of hazards and risks	9
6 Safety requirements	14
6.1 Compaction mechanism	14
6.2 Discharge system	14
6.3 Lifting devices	15
6.4 Hydraulic power systems	16
6.5 Operating symbols	17
6.6 Riding on RCV by operatives	20
6.7 Control system	22
6.8 Electrical components	24
6.9 Maintenance	25
6.10 Noise measurement	25
6.11 Stability	25
6.12 Other	25
6.13 Vibration	26
7 Information for use	27
7.1 Operation	27
7.2 Maintenance	28
7.3 Data sheet	28
8 Verification	28
Annex A (normative) Terms and dimensions for lifting systems, footboards and handles	33
Annex B (informative) Example of a data sheet, Axle load calculation	40
Annex C (informative) Trilingual glossary	44
Annex D (informative) !List of patent holders"	48

Annex ZA (informative) #Relationship between this Standard and the Essential Requirements of EU Directive 98/37/EC\$	49
Annex ZB (informative) #Relationship between this Standard and the Essential Requirements of EU Directive 2006/42/EC\$	50