DIN SPEC 91436:2021-05 (E)

Reference model for operational waste and recyclables management oriented towards a vision of "zero waste"

Contents

Page

Foreword 3

Introduction 4

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Abbreviated terms 11

5 The "zero waste" vision 12

6 Establishing system boundaries 12

7 Analysis of the operational environment 12

8 Definition of the set of goals 13

9 Roles and responsibilities 14

10 Communication 16

11 Setting up a training concept 16

12 Waste and recyclables management processes 17
12.1 General 17
12.2 Prevention 18
12.3 Collection and sorting 19
12.4 Container concept 19
12.5 Reuse 20
12.6 Recycling 20
12.7 Composting 21
12.8 Fermentation 21
12.9 Thermal or energy recovery and landfilling 22

13 Review 22

14 Key figures, monitoring and reporting 23

15 Continual improvement 24

Annex A (normative) Applicable documents and explanatory information 25

A.1 General 25
A.2 Master data for the checklists 25
A.3 Checklist A 26
A.4 Checklist B 30
A.5 Checklist C 31
A.6 Classification of hazardous waste 31

A.7 Technical impossibility and economic infeasibility 32

Annex B (informative) Waste prevention plan and further recommendations for action 33

B.1 General 33
B.2 Waste prevention plan 33
B.3 Further recommendations for action 34

Bibliography 38

Figures Figure 1 -- Areas of application of the reference model 18