ISO 21106:2019-11 (E)

Railway applications - Recyclability and recoverability calculation method for rolling stock

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 2

3 Termsanddefinitions 2

4 Symbols and abbreviated terms 4

5 End-of-life treatment process 6
5.1 General 6
5.1.1 Overview 6
5.1.2 Pre-treatment 7
5.1.3 Dismantling 7
5.1.4 Shredding 7
5.2 Efficiency of recycling process 8
5.2.1 General 8
5.2.2 Material recycling 9
5.2.3 Energy recovery 9
5.3 Documentation of factors 9
5.4 Breakdown materials 10

6 Calculation methods 10
6.1 Recyclability rate 10
6.2 Recoverability rate 10
6.3 Limitation 11

Annex A (informative) Data sheet 12

Annex B (normative) Checklist for each stage 14

Bibliography 16