ISO/TR 8941:2024-05 (E)

Railway infrastructure - Rail mounted construction, maintenance and inspection machines - Explanation of machine type

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1
3.1 Machine type 1
3.2 Operational modes 3
3.3 General 3

4 Modes of operation 4
4.1 General 4
4.2 Working mode 4
4.3 Travelling mode 4
4.4 Running mode 5

5 Generic types of machine 6
5.1 General 6
5.1.1 Classification 6
5.1.2 Railbound machines with running mode 7
5.1.3 Railbound machines without running mode 8
5.1.4 Road-rail machines 8
5.1.5 Lightweight demountable machines 9
5.1.6 Trolleys and portable machines 9
5.1.7 Demountable modules 9
5.1.8 Attachments 9
5.1.9 Machines without rail wheels 10
5.1.10 Locomotives and wagons 10
5.2 Classification of rail mounted machines 10
5.2.1 Classification method 10
5.2.2 Machines with a running mode 10
5.2.3 Machines with a road mode 10
5.2.4 Ways for the machine to move along the track 11
5.2.5 Combination of questions 11

6 Acceptance of machines 11
6.1 General 11
6.2 Machinery standards 11
6.3 Railway standards 11
6.4 Acceptance to work on the railway 12

Annex A (informative) Examples of machine types 13