ISO 24675-1:2022-10 (E)

Railway Applications - Running time calculation for timetabling - Part 1: Requirements

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1
3.1 General 1
3.2 Infrastructure 2
3.3 Rolling stock 2

4 Purpose and range of running time calculation 3

5 Requirements of shortest running time calculation 3
5.1 General 3
5.2 Infrastructure parameters 4
5.2.1 General 4
5.2.2 Range of calculation 4
5.2.3 Gradient 4
5.2.4 Allowed maximum speed 4
5.2.5 Speed limits from infrastructure conditions 4
5.2.6 Other 5
5.3 Rolling stock condition parameters 5
5.3.1 General 5
5.3.2 Mass 5
5.3.3 Maximum operational speed of rolling stock 5
5.3.4 Train length 5
5.3.5 Unit running resistance force 5
5.3.6 Tractive force 5
5.3.7 Braking deceleration 5
5.4 Operational condition parameters 5
5.4.1 General 5
5.4.2 Stopping / passing 5
5.4.3 Maximum speed on operational condition 6

6 Verification of the influence of the parameters in the shortest running time calculation 6

Bibliography 21