

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 Terms and definitions | 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 |