ISO 22915-20:2023-03 (E)

Industrial trucks - Verification of stability - Part 20: Additional stability test for trucks operating in the special condition of offset load, offset by utilization

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Test conditions 3
4.1 General 3
4.2 Position of truck on the tilt table 3
4.2.1 Counterbalance trucks 3
4.2.2 Reach and straddle trucks 3
4.2.3 Pallet stackers 3
4.2.4 Bidirectional and multidirectional trucks 4
4.2.5 Counterbalanced container handler 4
4.2.6 Variable-reach container handler 4
4.2.7 Industrial variable-reach trucks 4
4.2.8 Rough-terrain trucks with mast 4
4.2.9 Rough-terrain variable reach trucks 4
4.2.10 Counterbalance trucks with articulated steering 4
4.2.11 Order-picking trucks with operator position elevating above 1 200 mm 4
4.2.12 Slewing variable-reach rough-terrain trucks 4
4.3 Position of the load 4
4.4 Lift height for trucks with attachments 4

5 Verification of stability 4
5.1 General 4
5.2 Counterbalance trucks 4
5.3 Reach and straddle trucks 5
5.4 Pallet stackers 5
5.5 Bidirectional and multidirectional trucks 5
5.6 Counterbalanced container handler 5
5.7 Industrial variable-reach trucks 5
5.8 Variable-reach container handler 5
5.9 Rough-terrain trucks with mast 5
5.10 Rough-terrain variable reach trucks 5
5.11 Counterbalance trucks with articulated steering 5
5.12 Order-picking trucks with operator position elevating above 1 200 mm 5
5.13 Slewing variable-reach rough-terrain trucks 5

6 Marking 5

Bibliography 6