

# ISO 7334:2025-03 (E)

## Earth-moving machinery - Vocabulary and taxonomy for automation and autonomy

### Contents

Page

Foreword..... iv

Introduction ..... v

1 Scope ..... 1

2 Normative references ..... 1

3 Terms and definitions ..... 1

4 Taxonomy and LAA ..... 4

    4.1 General ..... 4

    4.2 Levels of automation and autonomy ..... 5

5 Application of LAA ..... 6

    5.1 LAA examples ..... 6

    5.2 LAA flowchart ..... 6

    5.3 Operational domains ..... 8

    5.4 Fallback ..... 8

        5.4.1 Fallback in automated use cases ..... 8

        5.4.2 Fallback in autonomous use cases ..... 8

Annex A (informative) Examples of machines and their corresponding LAA ..... 9

Annex B (informative) Relationships between LAA attributes ..... 10

Annex C (informative) Comparison to ISO 18497-1<sup>[5]</sup> - Agricultural machinery and tractors ..... 12

Bibliography ..... 13