

DIN EN ISO 18497-4:2025-04 (E)

Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 4: Verification methods and validation principles (ISO 18497-4:2024)

Contents	Page
European foreword	3
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered	4
Foreword	11
Introduction	12
1 Scope	14
2 Normative references	14
3 Terms and definition	15
4 Verification methods and validation principles	15
4.1 General.....	15
4.2 Verification methods.....	16
4.3 Validation principles.....	18
Annex A (informative) Information regarding physical properties of objects and humans for use in development of test and simulation verification methods	19
Annex B (informative) Information regarding environmental influences for use in development of test and simulation verification methods	21
Annex C (informative) Information regarding test objects for use in development of test and simulation verification methods	23
Annex D (informative) Information regarding examples of test procedures	25
Bibliography	50