# ISO 16653-2:2009-02 (E)

## Mobile elevating work platforms - Design, calculations, safety requirements an d test methods relative to special features - Part 2: MEWPs with non-conductive (insulating) components

## Contents

Page


Foreword ..... iv

Introduction ..... v

1 Scope ..... 1

2 Normative references ..... 1

3 Terms and definitions ..... 2

4 List of hazards ..... 2

5 Safety requirements and/or protective measures ..... 3
5.1 Structural calculations ..... 3
5.2 Hydraulic liquid ..... 3
5.3 Non-conductive hydraulic and pneumatic hoses ..... 3
5.4 Work platforms ..... 3
5.5 Electrical requirements ..... 3

6 Verification of the safety requirements and/or protective measures ..... 5
6.1 Type tests ..... 5
6.2 Dielectric tests ..... 5
6.3 Electrical tests ..... 6
6.4 Initial inspection and test ..... 12

7 Information for use ..... 12
7.1 General ..... 12
7.2 Instruction handbook ..... 12
7.3 Markings ..... 12

8 Safety principles, inspection, maintenance and operation ..... 13
8.1 General ..... 13
8.2 Maintenance ..... 13
8.3 Modifications or alterations ..... 18

Annex A (informative) Sample of manufacturer's plate information ..... 19