

ISO 14513:2006-05 (E)

Road vehicles - Pedestrian protection - Head impact test method

| Contents | | Page |
|---|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Test equipment | 3 |
| 4.1 | Impact test site | 3 |
| 4.2 | Head form impactor | 3 |
| 5 | Requirements | 4 |
| 5.1 | Head form impactor | 4 |
| 5.2 | Impact area | 4 |
| 5.3 | Impact angle | 4 |
| 5.4 | Head form impactor calibration | 5 |
| 5.5 | Propulsion of head form impactor | 5 |
| 5.6 | Rear face of head impactor | 5 |
| 6 | Preparation of test vehicle | 5 |
| 6.1 | Components | 5 |
| 6.2 | Parking brake | 5 |
| 6.3 | Time | 5 |
| 7 | Test conditions | 5 |
| 7.1 | Impact angle and impact velocity | 5 |
| 7.2 | Impact points | 6 |
| 8 | Recording of test results | 6 |
| 8.1 | Data acquisition | 6 |
| 8.2 | Head form impactor data | 6 |
| Annex A (normative) Calibration method for head form impactor | | 7 |
| Annex B (normative) Velocity and angle | | 9 |
| Bibliography | | 11 |