

# ISO 4250-1:2017-10 (E)

## Earth-mover tyres and rims - Part 1: Tyre designation and dimensions

---

| <b>Contents</b>    |   | <b>Page</b> |
|--------------------|---|-------------|
| Foreword .....     |   | iv          |
| <b>1</b>           | <b>Scope .....</b>                                    | <b>1</b>    |
| <b>2</b>           | <b>Normative references .....</b>                     | <b>1</b>    |
| <b>3</b>           | <b>Terms and definitions .....</b>                    | <b>1</b>    |
| <b>4</b>           | <b>Tyre designation .....</b>                         | <b>1</b>    |
| 4.1                | General .....   | 1           |
| 4.2                | Tyre size and construction .....                      | 2           |
| 4.2.1              | General .....   | 2           |
| 4.2.2              | Nominal section width .....                           | 2           |
| 4.2.3              | Nominal aspect ratio .....                            | 2           |
| 4.2.4              | Tyre construction code .....                          | 2           |
| 4.2.5              | Nominal rim diameter code .....                       | 2           |
| 4.2.6              | Tubeless tyres .....                                  | 2           |
| 4.3                | Index of tyre strength .....                          | 2           |
| 4.3.1              | General .....   | 2           |
| 4.3.2              | Diagonal tyres .....                                  | 2           |
| 4.3.3              | Radial tyres .....                                    | 2           |
| 4.4                | Operating condition .....                             | 3           |
| 4.4.1              | General .....   | 3           |
| 4.4.2              | Load index .....                                      | 3           |
| 4.4.3              | Speed symbol .....                                    | 4           |
| 4.4.4              | Usage .....   | 4           |
| 4.5                | Other service characteristics .....                   | 5           |
| 4.5.1              | Preferred direction of rotation .....                 | 5           |
| 4.5.2              | Code for usage .....                                  | 5           |
| 4.5.3              | In-service dimensions .....                           | 6           |
| <b>5</b>           | <b>Tyre dimensions .....</b>                          | <b>6</b>    |
| <b>6</b>           | <b>Dual spacing .....</b>                             | <b>7</b>    |
| <b>7</b>           | <b>Approved rims .....</b>                            | <b>7</b>    |
| <b>8</b>           | <b>Method of measurement of tyre dimensions .....</b> | <b>7</b>    |
| Bibliography ..... |   | 23          |