

# ISO 4703:2001-08 (E)

## Test conditions for surface grinding machines with two columns - Machines for grinding slideways - Testing of the accuracy

---

| <b>Contents</b>  |   | <b>Page</b> |
|--|---|-------------|
| Foreword .....   |   | iv          |
| 1  | Scope .....   | 1           |
| 2  | Normative references .....  | 1           |
| 3  | Terminology and designation of axes .....                                   | 1           |
| 4  | Preliminary remarks .....   | 3           |
| 5  | Specific installation conditions .....                                      | 4           |
| 6  | Geometric tests .....   | 5           |
| 7  | Machining tests .....   | 22          |
| 8  | Accuracy and repeatability of numerically controlled positioning axes ..... | 24          |
| Annex A (informative) Equivalent terms in German and Italian ..... |   | 27          |
| Bibliography .....   |   | 28          |