

# ISO 5178:2001-02 (E)

## Destructive tests on welds in metallic materials - Longitudinal tensile test on weld metal in fusion welded joints

---

| <b>Contents</b>       |  | <b>Page</b> |
|-----------------------|--|-------------|
| Foreword .....        |  | iv          |
| 1                     | Scope .....                            | 1           |
| 2                     | Normative reference .....              | 1           |
| 3                     | Principle .....                        | 1           |
| 4                     | Symbols and abbreviated terms .....    | 1           |
| 5                     | Removal of test specimens .....        | 2           |
| 5.1                   | Location .....                         | 2           |
| 5.2                   | Marking .....                          | 2           |
| 5.3                   | Heat treatment and/or ageing .....     | 2           |
| 5.4                   | Extraction .....                       | 2           |
| 5.5                   | Machining of test specimens .....      | 3           |
| 5.6                   | Dimensions .....                       | 4           |
| 5.7                   | Surface quality .....                  | 4           |
| 6                     | Conditions of testing .....            | 4           |
| 7                     | Test results .....                     | 5           |
| 7.1                   | General .....                          | 5           |
| 7.2                   | Examination of fracture surfaces ..... | 5           |
| 8                     | Test report .....                      | 5           |
| Annex A (informative) | Example of a test report .....         | 6           |