

ISO 17639:2022-01 (E)

Destructive tests on welds in metallic materials - Macroscopic and microscopic examination of welds

| Contents | | Page |
|---|--|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Symbols and abbreviated terms | 1 |
| 5 | Principle | 2 |
| 6 | Purpose of the test | 2 |
| 7 | Removal of test specimens | 2 |
| 8 | Test procedure | 3 |
| | 8.1 General..... | 3 |
| | 8.2 Test specimen preparation..... | 3 |
| | 8.3 Surface finish..... | 3 |
| | 8.4 Etching methods..... | 4 |
| | 8.5 Etchants..... | 4 |
| | 8.6 Safety measures..... | 4 |
| 9 | Examination | 4 |
| 10 | Designation | 4 |
| 11 | Test report | 7 |
| Annex A (informative) Example of a test report | | 8 |
| Bibliography | | 9 |