

ISO 6362-1:2012-07 (E)

Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 1: Technical conditions for inspection and delivery

| Contents | | Page |
|---------------------|---|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 2 |
| 4 | Orders or tenders | 3 |
| 5 | Requirements | 3 |
| 5.1 | Production and manufacturing processes | 3 |
| 5.2 | Quality control | 4 |
| 5.3 | Chemical composition | 4 |
| 5.4 | Mechanical properties | 4 |
| 5.5 | Surface finish | 4 |
| 5.6 | Dimensional tolerances | 4 |
| 5.7 | Stress corrosion cracking resistance | 4 |
| 6 | Test procedure | 4 |
| 6.1 | Production of specimens | 4 |
| 6.2 | Test methods | 6 |
| 6.3 | Retests | 7 |
| 7 | Inspection documents | 8 |
| 7.1 | General | 8 |
| 7.2 | Certificate of conformity | 8 |
| 7.3 | Test report | 8 |
| 8 | Marking | 8 |
| 9 | Packing | 8 |
| 10 | Arbitration tests | 8 |
| Annex A (normative) | Location of test pieces | 9 |
| Annex B (normative) | Resistance to stress-corrosion cracking for alloy 7075 in tempers T73, T73510, T73511: Electrical conductivity | 13 |