

# ISO 13919-1:2019-10 (E)

## Electron and laser-beam welded joints - Requirements and recommendations on quality levels for imperfections - Part 1: Steel, nickel , titanium and their alloys

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1 <b>Scope</b> .....		1
2 <b>Normative references</b> .....		1
3 <b>Terms and definitions</b> .....		1
4 <b>Symbols (and abbreviated terms)</b> .....		2
5 <b>Assessment of imperfections (adapted to ISO 5817 and ISO 12932)</b> .....		2
<b>Annex A (informative) Examples of determination of percentage (%) porosity</b> .....		12
<b>Annex B (informative) Additional information for use of this document</b> .....		14
<b>Bibliography</b> .....		15