

# ISO 18819:2026-03 (E)

## Ships and marine technology - High-manganese austenitic steel - Specification for plates, sheets and coils below 6,0 mm for cryogenic temperature

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Manufacture .....	2
4.1	Steel-making practice .....	2
4.2	Rolled product .....	2
4.3	Chemical composition .....	2
4.4	Mechanical properties .....	3
4.4.1	General .....	3
4.4.2	Tensile strength .....	3
4.4.3	Impact test .....	3
4.5	Retesting .....	4
4.5.1	General .....	4
4.5.2	Tensile test .....	4
4.5.3	Impact test .....	4
4.6	Supplementary processes (optional) .....	4
5	Inspection .....	5
5.1	Surface quality and internal soundness .....	5
5.2	Weld repair .....	5
5.3	Dimensional inspection .....	5
6	Marking .....	5
7	Documentation .....	6
Bibliography .....		7