

# ISO 21539:2019 (E)

## Ships and marine technology — Testing specification for walkways using electrical resistance trace heating

---

### Contents

|         |                            |
|---------|----------------------------|
|         | Foreword                   |
| 1       | Scope                      |
| 2       | Normative references       |
| 3       | Terms and definitions      |
| 4       | Design requirements        |
| 5       | Test method                |
| 5.1     | Test purpose               |
| 5.2     | Test facility requirements |
| 5.3     | Test conditions            |
| 5.3.1   | General                    |
| 5.3.2   | Test temperature           |
| 5.3.2.1 | General                    |
| 5.3.2.2 | Temperature stabilization  |
| 5.3.2.3 | Temperature sensors        |
| 5.3.3   | Test wind                  |
| 5.4     | Test specimen requirements |
| 5.4.1   | General requirement        |
| 5.4.2   | Dimension                  |
| 5.4.3   | Installation               |
| 5.5     | Test procedures            |
| 5.5.1   | General                    |
| 5.5.2   | Test procedure — Option 1  |
| 5.5.3   | Test procedure — Option 2  |
| 5.6     | Pass/fail criteria         |
| 6       | Test report                |

Page count: 8