

# ISO 4967:2026-05 (E)

## Steel - Determination of the non-metallic inclusion content - Micrographic method

---

<b>Contents</b>		<b>Page</b>
Foreword		iv
Introduction		vi
<b>1</b>	<b>Scope</b>	<b>1</b>
<b>2</b>	<b>Normative references</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions</b>	<b>1</b>
<b>4</b>	<b>Symbols</b>	<b>3</b>
<b>5</b>	<b>Principle</b>	<b>4</b>
<b>6</b>	<b>Sampling</b>	<b>6</b>
<b>7</b>	<b>Preparation of specimens</b>	<b>11</b>
<b>8</b>	<b>Determination of the content of inclusions</b>	<b>11</b>
8.1	Method of observation	11
8.2	Actual examination	12
8.2.1	General	12
8.2.2	Method A	12
8.2.3	Method B	12
8.2.4	General rules for methods A and B	13
<b>9</b>	<b>Expression of results</b>	<b>15</b>
9.1	General	15
9.2	Case of method A	15
9.3	Case of method B	15
<b>10</b>	<b>Test report</b>	<b>15</b>
<b>Annex A</b> (normative)	<b>ISO chart images for inclusion types A, B, C, D and subgroup DS</b>	<b>17</b>
<b>Annex B</b> (normative)	<b>Examples of assessment of inclusions</b>	<b>31</b>
<b>Annex C</b> (informative)	<b>Examples of assessment of complex inclusions</b>	<b>35</b>
<b>Annex D</b> (informative)	<b>Illustration of the width definitions</b>	<b>37</b>
<b>Annex E</b> (informative)	<b>Assessment result examples and global inclusion content metrics</b>	<b>39</b>
<b>Annex F</b> (informative)	<b>Relationship between indices and inclusion measurements</b>	<b>52</b>
<b>Bibliography</b>		<b>56</b>