

# ISO 7539-9:2003-04 (E)

## Corrosion of metals and alloys - Stress corrosion testing - Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>iv</b>
<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>2</b>
<b>4</b> <b>Principle</b> .....		<b>2</b>
<b>5</b> <b>Specimens</b> .....		<b>3</b>
<b>6</b> <b>Initiation and propagation of fatigue cracks</b> .....		<b>16</b>
<b>7</b> <b>Procedure</b> .....		<b>18</b>
<b>8</b> <b>Test report</b> .....		<b>23</b>
<b>Annex A (informative) Determination of a suitable displacement rate for determining KISCC from constant displacement rate tests</b> .....		<b>24</b>
<b>Annex B (informative) Determination of crack growth velocity</b> .....		<b>25</b>
<b>Annex C (informative) Information on indirect methods for measuring crack length</b> .....		<b>26</b>