

# ISO 19235:2015-10 (E)

## Analogue quartz clocks - Timing accuracy

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>3</b>	<b>Basic parameters and requirements of timing accuracy .....</b>	<b>1</b>
3.1	Mean instantaneous rate .....	1
3.2	Voltage coefficient, CU .....	1
3.3	Temperature coefficient, Ct .....	2
<b>4</b>	<b>Test methods .....</b>	<b>2</b>
4.1	Test conditions .....	2
4.1.1	Test environment .....	2
4.1.2	Power supply .....	2
4.1.3	Pre-running .....	2
4.2	Test apparatus .....	2
4.3	Testing .....	2
4.3.1	Mean instantaneous rate .....	2
4.3.2	Voltage coefficient, CU .....	3
4.3.3	Temperature coefficient, Ct .....	3
<b>Annex A (informative) Main factors affecting the timing accuracy .....</b>		<b>5</b>
<b>Annex B (informative) Timing accuracy expressions of quartz clocks .....</b>		<b>6</b>
<b>Bibliography .....</b>		<b>7</b>