

# ISO 12460-5:2015-11 (E)

## Wood-based panels - Determination of formaldehyde release - Part 5: Extraction method (called the perforator method)

---

Contents	Page
<b>Foreword</b> .....	iv
<b>Introduction</b> .....	vi
<b>1 Scope</b> .....	1
<b>2 Normative references</b> .....	1
<b>3 Principle</b> .....	1
<b>4 Reagents</b> .....	1
<b>5 Apparatus</b> .....	1
<b>6 Test pieces</b> .....	3
<b>6.1 General</b> .....	3
<b>6.2 Sampling</b> .....	3
<b>6.3 Sampling for factory production control</b> .....	3
<b>6.4 Sampling for other purposes</b> .....	3
<b>7 Procedure</b> .....	3
<b>7.1 Number of extractions</b> .....	3
<b>7.2 Determination of moisture content</b> .....	3
<b>7.3 Extraction in the perforator</b> .....	4
<b>7.4 Blank test</b> .....	4
<b>7.5 Determination of formaldehyde in the extract</b> .....	4
<b>7.5.1 General</b> .....	4
<b>7.5.2 Principle</b> .....	5
<b>7.5.3 Reagents</b> .....	5
<b>7.5.4 Analytical procedure</b> .....	5
<b>7.5.5 Calibration curve</b> .....	5
<b>7.6 Quality assurance</b> .....	6
<b>8 Expression of results</b> .....	7
<b>8.1 Moisture content</b> .....	7
<b>8.2 Perforator value</b> .....	7
<b>9 Test report</b> .....	8
<b>Annex A (normative) Perforator extraction efficiency test -- Calibration of the perforator method</b> .....	13
<b>Bibliography</b> .....	14