

# ISO 26367-3:2022-03 (E)

## Guidelines for assessing the adverse environmental impact of fire effluents - Part 3: Sampling and analysis

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b>		<b>iv</b>
<b>Introduction</b>		<b>v</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>Abbreviated terms</b>	<b>2</b>
<b>5</b>	<b>Indicators and pollutants</b>	<b>3</b>
<b>6</b>	<b>Sampling requirements</b>	<b>4</b>
6.1	General	4
6.2	Personnel requirements	5
6.3	Sampling techniques	5
6.3.1	General	5
6.3.2	Fire plume sampling	5
6.3.3	Liquid phase sampling	5
6.3.4	Solid phase sampling	6
<b>7</b>	<b>Sample storage and handling</b>	<b>7</b>
7.1	General	7
7.2	Gases and vapour	7
7.3	Particulates and aerosols	7
7.4	Liquid phase	7
7.5	Solid phase	7
<b>8</b>	<b>Sample analysis</b>	<b>7</b>
8.1	General	7
8.2	Gases and vapours	8
8.2.1	General	8
8.2.2	General atmospheric pollutants	8
8.2.3	Organic pollutants	8
8.2.4	Metals and elements	9
8.2.5	Particulates and aerosols	9
8.3	Liquid phase	10
8.3.1	General	10
8.3.2	Indicators of environmental pollution	10
8.3.3	Organic pollutants	10
8.3.4	Metals and elements	11
8.4	Solid phase	11
8.4.1	General	11
8.4.2	Indicators of environmental pollution	12
8.4.3	Organic pollutants	12
8.4.4	Metals and elements	12
8.4.5	Asbestos fibres	13
<b>9</b>	<b>Calculation of effluent concentrations</b>	<b>13</b>
<b>10</b>	<b>Method validation and error quantification</b>	<b>13</b>
<b>11</b>	<b>Standard reporting requirements</b>	<b>13</b>
	<b>Bibliography</b>	<b>14</b>