

# DIN EN 14972-11:2023-07 (E)

## Fixed firefighting systems - Water mist systems - Part 11: Test protocol for cable tunnels for open nozzle systems

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>5</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>5</b>
<b>4</b>	<b>General requirements .....</b>	<b>5</b>
<b>5</b>	<b>Fuel packages .....</b>	<b>6</b>
<b>5.1</b>	<b>General .....</b>	<b>6</b>
<b>5.2</b>	<b>Tunnel enclosure .....</b>	<b>7</b>
<b>5.3</b>	<b>Cable tray arrangement .....</b>	<b>8</b>
<b>5.4</b>	<b>Cable fire load .....</b>	<b>8</b>
<b>5.5</b>	<b>Conditioning of fire load .....</b>	<b>9</b>
<b>5.6</b>	<b>Ignition source .....</b>	<b>9</b>
<b>5.7</b>	<b>Ventilation conditions .....</b>	<b>9</b>
<b>6</b>	<b>Test arrangement .....</b>	<b>9</b>
<b>7</b>	<b>Test equipment requirements .....</b>	<b>9</b>
<b>8</b>	<b>Instrumentation requirements .....</b>	<b>10</b>
<b>8.1</b>	<b>General .....</b>	<b>10</b>
<b>8.2</b>	<b>Temperature .....</b>	<b>10</b>
<b>8.3</b>	<b>Air velocity .....</b>	<b>10</b>
<b>8.4</b>	<b>Pressure .....</b>	<b>11</b>
<b>8.5</b>	<b>Time .....</b>	<b>11</b>
<b>9</b>	<b>Test criteria .....</b>	<b>11</b>
<b>9.1</b>	<b>General .....</b>	<b>11</b>
<b>9.2</b>	<b>Carrying out the test with automatic release system .....</b>	<b>12</b>
<b>9.3</b>	<b>Carrying out the test without automatic release system (manual release system) .....</b>	<b>12</b>
<b>9.4</b>	<b>Pass/fail criteria .....</b>	<b>12</b>
<b>10</b>	<b>Test report .....</b>	<b>12</b>