

# ISO 9635-2:2014-11 (E)

## Agricultural irrigation equipment - Irrigation valves - Part 2: Isolating valves

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<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>1</b>
<b>4</b>	<b>Design requirements .....</b>	<b>2</b>
<b>5</b>	<b>Performance requirements .....</b>	<b>2</b>
<b>5.1</b>	<b>General .....</b>	<b>2</b>
<b>5.2</b>	<b>Mechanical strength .....</b>	<b>2</b>
<b>5.3</b>	<b>Watertightness and airtightness .....</b>	<b>3</b>
<b>5.4</b>	<b>Hydraulic characteristics .....</b>	<b>5</b>
<b>5.5</b>	<b>Resistance to chemicals and fertilizers .....</b>	<b>5</b>
<b>5.6</b>	<b>Endurance .....</b>	<b>5</b>
<b>6</b>	<b>Conformity assessment .....</b>	<b>6</b>
<b>6.1</b>	<b>General .....</b>	<b>6</b>
<b>6.2</b>	<b>Type tests .....</b>	<b>6</b>
<b>6.3</b>	<b>Control of production process and quality system .....</b>	<b>6</b>
<b>7</b>	<b>Marking .....</b>	<b>6</b>
<b>8</b>	<b>Packaging .....</b>	<b>6</b>
<b>Annex A (normative) Test method for resistance of valves to operating loads .....</b>		<b>8</b>
<b>Annex B (normative) Torque requirements for gate valves to be operated by ring key and bar .....</b>		<b>9</b>
<b>Annex C (normative) Test method for operation of valves .....</b>		<b>10</b>
<b>Annex D (normative) Test method for endurance of valves .....</b>		<b>11</b>
<b>Annex E (normative) Method for sizing operating element .....</b>		<b>12</b>
<b>Bibliography .....</b>		<b>15</b>