

# ISO 10086-2:2004-01 (E)

## Coal - Methods for evaluating flocculants for use in coal preparation - Part 2: Flocculants as filter aids in rotary vacuum filtration systems

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>iv</b>
<b>1</b>	<b>Scope</b> .....	<b>1</b>
<b>2</b>	<b>Normative references</b> .....	<b>1</b>
<b>3</b>	<b>Principle</b> .....	<b>1</b>
<b>4</b>	<b>Apparatus</b> .....	<b>1</b>
<b>5</b>	<b>Materials</b> .....	<b>2</b>
<b>5.1</b>	<b>Slurry</b> .....	<b>2</b>
<b>5.2</b>	<b>Water</b> .....	<b>2</b>
<b>6</b>	<b>Sampling</b> .....	<b>2</b>
<b>7</b>	<b>Preparation of flocculant solutions</b> .....	<b>3</b>
<b>8</b>	<b>Test procedure</b> .....	<b>3</b>
<b>8.1</b>	<b>Preliminary</b> .....	<b>3</b>
<b>8.2</b>	<b>Procedure</b> .....	<b>4</b>
<b>8.3</b>	<b>Calculation of flocculant dosage rate</b> .....	<b>5</b>
<b>8.4</b>	<b>Filtration test</b> .....	<b>6</b>
<b>8.5</b>	<b>Analysis of cake sample</b> .....	<b>7</b>
<b>9</b>	<b>Clarity of the filtrate</b> .....	<b>7</b>
<b>10</b>	<b>Recording of results</b> .....	<b>8</b>
<b>11</b>	<b>Repeatability</b> .....	<b>8</b>
<b>12</b>	<b>Test report</b> .....	<b>8</b>
<b>Annex A (informative) Worked example</b> .....		<b>9</b>
<b>Annex B (informative) Data recording sheet</b> .....		<b>11</b>
<b>Bibliography</b> .....		<b>12</b>