

# ISO 5000:2005-01 (E)

## Continuous hot-dip aluminium-silicon-coated cold-reduced carbon steel sheet of commercial and drawing qualities

---

<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>Requirements .....</b>	<b>2</b>
4.1	Steelmaking and processing .....	2
4.2	Chemical composition .....	2
4.3	Mechanical properties .....	4
4.4	Coating .....	5
4.5	Weldability .....	6
4.6	Mill passivation .....	6
4.7	Oiling .....	6
4.8	Dimensional tolerances .....	6
4.9	Designation system .....	6
<b>5</b>	<b>Sampling .....</b>	<b>7</b>
5.1	Chemical composition .....	7
5.2	Mechanical properties .....	7
5.3	Coating properties .....	7
5.4	Retest .....	7
<b>6</b>	<b>Test methods .....</b>	<b>7</b>
6.1	Tensile tests .....	7
6.2	Coating properties .....	8
<b>7</b>	<b>Resubmission .....</b>	<b>8</b>
<b>8</b>	<b>Workmanship .....</b>	<b>8</b>
<b>9</b>	<b>Inspection and acceptance .....</b>	<b>8</b>
<b>10</b>	<b>Marking .....</b>	<b>8</b>
<b>11</b>	<b>Information to be supplied by the purchaser .....</b>	<b>9</b>
<b>Annex A (normative) Specification of thickness .....</b>		<b>10</b>
<b>Annex B (normative) Determination of mass of coating on aluminium-silicon-coated steel sheet .....</b>		<b>11</b>
<b>Bibliography .....</b>		<b>12</b>