

# ISO 25745-1:2012-10 (E)

## Energy performance of lifts, escalators and moving walks - Part 1: Energy measurement and verification

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
1.1	General .....	1
1.2	Lifts .....	1
1.3	Escalators and moving walks .....	1
<b>2</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>3</b>	<b>Measurement and verification of lift, escalator and moving walk energy usage .....</b>	<b>3</b>
3.1	General .....	3
3.2	Lift energy measurements or escalator and moving walk power measurements .....	4
3.3	Lift, escalator and moving walk energy verification check .....	4
3.4	Multiple lift, escalator and moving walk installations .....	5
<b>4</b>	<b>Measurement procedures for a lift installation .....</b>	<b>5</b>
4.1	Preliminaries .....	5
4.2	Procedures for the energy measurements .....	6
4.3	Procedures for the energy verification check .....	7
<b>5</b>	<b>Measurement procedures for an escalator or moving walk installation .....</b>	<b>9</b>
5.1	Preliminaries .....	9
5.2	Procedures for power measurement .....	9
5.3	Procedures for the power verification check .....	10
<b>6</b>	<b>Reporting .....</b>	<b>10</b>
6.1	General information .....	10
6.2	Lift reporting .....	11
6.3	Lift energy usage verification check .....	11
6.4	Escalator and moving walk energy reporting .....	12
6.5	Escalator and moving walk energy verification check reporting .....	12
Annex A (informative) Measuring instrument coupling points .....		13
Bibliography .....		15