



Industrie Service

Certificate

Concerning the examination of conformity

Certificate No.: KP 262

Certification body: TÜV SÜD Industrie Service GmbH
Zertifizierungsstelle für Produkte der Fördertechnik,
Westendstr. 199
80686 München - Germany

**Applicant/
Certificate Holder:** Pioneer Lift and Crane Co., Ltd.
44, 46 Soi Ekachai 64/2, Bangbon, Bangbon
Bangkok 10150, Thailand

Date of application: 2012-12-01

Manufacturer: Pioneer Lift and Crane Co., Ltd.
44, 46 Soi Ekachai 64/2, Bangbon, Bangbon
Bangkok 10150, Thailand

Product: Escalator

Type: SE-Series

Scope of application: Rise \leq 6m
- inclination ($\leq 35^\circ / \leq 30^\circ$),
- rated speed ($\leq 0.5 / \leq 0.65$ m/s)
- step width (600 / 800 / 1000 mm),

Test laboratory: TÜV SÜD Industrie Service GmbH
Prüflaboratorium für Produkte der Fördertechnik
Prüfbereich Aufzüge und Sicherheitsbauteile
Westendstraße 199, 80686 München - Germany

**Date and
number of test report:** 2013-02-05
KP 262

Test specifications: - 2006/42/EC, Annex I
- EN115-1:2008+A1:2010

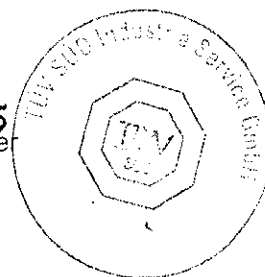
Validity: This certificate is valid until 2018-02-09

Result: The escalator SE-Series fulfils the requirements of
the test specifications for the respective scope of
application stated in the annex, page 1, of this
certificate, keeping the mentioned conditions.

Date of issue: 2013-02-10

Certification body for lifts and cranes

C. Rührmeyer
Christian Rührmeyer





Industrie Service

Test Report

No. KP 262

Choose certainty.
Add value.

Applicant / Customer: Pioneer Lift and Crane Co., Ltd.
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Bangkok 10150, Thailand

Manufacturer: Pioneer Lift and Crane Co., Ltd.
44, 46 Soi Ekachai 64/2, Bangbon, Bangbon
Bangkok 10150, Thailand

Date of application: 2012-12-01

Our Order No: 248218568

Test Laboratory: TÜV SÜD Industrie Service GmbH
Zentralbereich Fördertechnik-Sonderbauten
Abteilung Aufzüge und Sicherheitsbauteile
Westendstrasse 199
80686 München - Germany

Date: 2013-02-05

Our reference:
TÜV SÜD / IS/RE-LCC/ WP

Document:
PB_KP 262_SE-
Series_130205_en.doc

This document consists of
5 Pages.
Page 1 of 5

Product and Type: Escalator , Type: SE Series

Scope of Application: Rise ≤ 6.0 m
- inclination ($\leq 35^\circ / \leq 30^\circ$),
- rated speed ($\leq 0.5 / \leq 0.65$ m/s)
- step width (600 / 800 / 1000 mm)

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Specifications:

- Machinery Directive 2006/42/EC
- Standard EN115-1:2008+A1:2010

Kinde of examination: Performance of a Conformity Type-examination of
one type of escalator according Machinery
Directive 2006/42/EC

- Examination on correspondence with the
specifications
- Function tests

The test results refer exclusively
to the units under test.

**Place and
date of examination:** Bangkok, 2013-01-29



Headquarters: Munich
Trade Register Munich HRB 96 869
VAT ID No. DE129484218
Information pursuant to Section 2(1)
DL-InfoV (Germany) at
www.tuev-sued.com/imprint

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TÜV[®]

TÜV SÜD Industrie Service GmbH
Niederlassung München
Abteilung Fördertechnik
Westendstrasse 199
80686 Munich
Germany



**Annex to the Type-examination certificate
No. KP 262 dated 2013-02-10**

1. Scope of application:

The SE-series escalator is a self-designed escalator meeting the requirement of EN 115-1:2008+A1:2010 and can be installed in the indoor and outdoor environment.

The scope of application of the escalator is given in the table below:

Escalator type:	SE-Series
Maximum rising height: $H \leq 6.0$ m (Single drive)	Angle of inclination $\alpha \leq 35^\circ$ Speed: ≤ 0.5 m/s
	Angle of inclination $\alpha \leq 30^\circ$ Speed: ≤ 0.65 m/s
Step width:	600 mm, 800 mm, 1000mm

2. Conditions

- 2.1 The escalator must not be installed at locations with explosive atmosphere.
- 2.2 The environmental temperature for the escalator should be ensured between -4°C and 40°C .
- 2.3 One copy of the operating manual including a maintenance manual must be kept at the operation area.
- 2.4 Before putting into operation an examination of the brake system is required. This has to be performed with brake load according to EN 115-1:2008+A1:2010 if no envelope curve of the braking system will be supplied.

3. Remarks

- 3.1 In cases involving changes of or deviations from the inspected escalator which are not included in the certificate KP 262, the notified body must either subject the escalator to individual tests as per chapter 7.3.3 of standard EN 115-1:2008+A1:2010.
- 3.2 The accompanying documents in chapter 7.4 of standard EN 115-1:2008+A1:2010 should always be provided by the manufacturer.
- 3.3 The requirements of the EC Member States must be observed (e.g. ventilation, building interfaces, fire protection), when the escalator is being installed in a building.
- 3.4 The following documents must be enclosed with the technical documentation of each escalator:
 - a) Certificate concerning the examination of conformity no. KP 262 dated 2013-02-10.
 - b) Approval drawing no: ESC 30-3800-1000-01 with certification stamp dated: 2013-02-10.
 - c) Electrical schematic diagram no: EC1601 (with 9 pages) dated 2009-07-29.
- 3.5 The certificate concerning the examination of conformity may only be used in connection with the pertinent Annex.



**Annex to the Type-examination certificate
No. KP 262 dated 2013-02-10**

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