

DECLARATION OF CONFORMITY



Manufacturer: **Sta.Ge HELLAS S.A.**
 Product: **Lift Controller for ELECTRIC Elevators**
 Type: **EL.CO Smart**

The present document certifies the product above conforms to the 95/16/EC (for Lifts) and EN 81.1. Device is tested at the laboratories of EMC HELLAS No 0854 / 1.03.2010

The Sta.Ge HELLAS S.A. company declares, under its only responsibility, that the product **EL.CO Smart**

has been manufactured according to the requirements set below by the 89/336/ECC directive referring to the Electromagnetic Conditions (EMC) and for which it carries the CE mark*.

* In compliance with supplement V of order 95/16/EC.

-95/16/EC (for Lifts)

-EN 81.1

-EMC Directive: 2004/108/EC

APPLIED STANDARDS	
EN 12015: 2004	EMISSIONS
EN 12015: 2004	CONDUCTED EMISSIONS
EN 12015: 2004	RADIATED EMISSIONS
EN 12016: 2004	IMMUNITY
EN 55014-1: 2006	CLICKS
EN 61000-4-2: 1995	ESD IMMUNITY
EN 61000-4-4: 2004	EFT / BURST IMMUNITY
EN 61000-4-3: 2006	RF EM FIELD IMMUNITY
EN 61000-4-6: 1996	CONDUCTED DISTURBANCE IMMUNITY

-LVD Directive: 2006/95/EC

APPLIED STANDARDS	
EN 60439-1 § 8.2.2.4.1, 8.2.2.4.2, 8.2.4.1	CONDUCTED EMISSIONS
EN 81-1:1998 + A3: 2009 §13.1.3	Safety rules for the construction and installation of lifts (Electric Lifts)

-RoHS 2011/65/EU

Year that CE Mark was applied:
Athens, 2nd of March 2010

George N. Stavgianoudakis
 President and Managing Director
 Sta.Ge HELLAS S.A.

Sta.Ge HELLAS S.A.
 CONTROL SYSTEMS FOR LIFTS
 VAT: EL 988807363 T: (+30) 210 2711300
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TEST CERTIFICATE

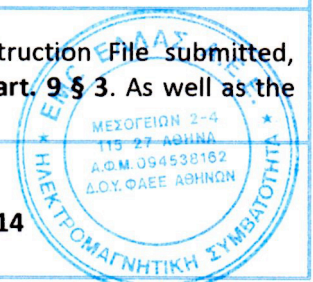
Certified Body:	EMC HELLAS AE Mesogeion Ave 2-4 TK11527 Athens Tel: +30 210 7798365, Fax : +30 22620 52592, e-mail : emc @haicorp.com	
Certificate No:	E14/050	
Issue Date:	17-6-2014	
Applicable Standards:	EMC Directive : 2004/108/EC LVD Directive: 2006/95 EC	
Customer:	STA.GE HELLAS S.A. Control Systems for Lifts Head Offices: 49, Makrigianni Str. N.Chalkidona 14343 Athens, GREECE Tel : +30 210 2711300 +30 210 2779568 +30 210 2516060 Fax : +30 210 2710497 Email : sales@stage.gr	
Equipment Description	Name / Label:	Lift Controller for Electric Elevators
	Model / Type:	Elco Smart
Applicable Standards:	<p>EN 12015 : 2004 Electromagnetic compatibility - Product family standard for lifts, escalators and passenger conveyors – Emission.</p> <p>EN 12016 : 2013 Electromagnetic compatibility - Product family standard for lifts, escalators and passenger conveyors – Immunity.</p> <p>EN 61000-4-2:2009 Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test</p> <p>EN 61000-4-3:2006 Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test</p> <p>EN 61000-4-4:2004 Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test</p> <p>EN 61000-4-5:2006 Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test</p> <p>EN 61000-4-6:2009 Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields</p> <p>EN 81-1: 1998 +A3:2009 (§ 13.1.3) Safety rules for the construction and installation of lifts - Part 1: Electric lifts.</p> <p>EN 60439-1:1999 + A1:2004 (§10.5.2 §10.5.2 Low-voltage switchgear and controlgear assemblies - Part 1: Type-tested and partially type-tested assemblies</p>	

The equipment under Test inspected for compliance, based to the Technical Construction File submitted, according to EU directives, EMC 2004/108 EC Annex III & LVD 2006/95 EC art. 8 § 2 & art. 9 § 3. As well as the above standards and found to **Comply**

P. Panteleos
BEng MSc Electr. & Elect. Engineering
Technical Support Manager

Panteleos Panagiots
Technical Support
Manager
E.M.C./HELLAS S.A.

Date: 17-6-2014



ΠΙΣΤΟΠΟΙΗΤΙΚΟ ΕΞΕΤΑΣΗΣ ΤΥΠΟΥ

ΣΥΜΦΩΝΑ ΜΕ ΤΟ ΠΡΟΤΥΠΟ EN81-1:1998+A3:2009

TYPE-EXAMINATION CERTIFICATE

ACCORDING EN81-1:1998+A3:2009

1. Α/Α πιστοποιητικού / *Certificate number*: TAH-LM/12/003

2. Φορέας πιστοποίησης / *Certification body*:

TÜV AUSTRIA HELLAS LTD	Λεωφ. Μεσογείων 429	429, Mesogeion Ave.
	153 43 Αγ. Παρασκευή	153 43 Athens, Greece
	Αρ. Κοιν.: 0906	ID-Nr.: 0906

3. Κάτοχος πιστοποιητικού / *Certificate holder*:

Sta.Ge HELLAS S.A	Μακρυγιάννη 49	Makrygianni 49
	143 43 Ν. Χαλκηδόνα	143 43 Athens, Greece

4. Προϊόν / *Product*:

Σύστημα Προστασίας έναντι Ανεξέλεγκτων Κινήσεων του Θαλάμου (ΑΚΘ-ΣΠ) για ανελκυστήρες έλξης.
Unintended Car Movement Protection System (UCM-PS) for traction lifts.

5. Τύπος / *Type*: SMART MECHANIC A1

6. Τόπος εγκατάστασης αντιπροσωπευτικού δείγματος / *Installation place of the type sample*:

METRON SA	ΒΙΟΜΗΧΑΝΙΚΗ ΖΩΝΗ ΣΕΡΡΩΝ	SERRES INDUSTRIAL AREA
	62 100 ΣΕΡΡΕΣ	GR – 62 100 SERRES

7. Ημερομηνία αίτησης εξέτασης τύπου / *Application date*: 24.04.2012

8. Περίοδος ελέγχου / *Examination period*: Ιούνιος – Ιούλιος 2012 / June – July 2012

9. Προδιαγραφές ελέγχου / *Applied standard*: EN81-1:1998+A3:2009

10. Α/Α και ημερομηνία έκθεσης ελέγχου / *Type-examination report number and date*:

RT-LM/12/003 / 25.07.2012

11. Παραρτήματα του πιστοποιητικού / *Annexes with this certificate*:

Η έκθεση ελέγχου του σημείου 10 αποτελεί αναπόσπαστο μέρος του παρόντος πιστοποιητικού /
The report of point 10 is attached to the type-examination certificate.

ΣΥΜΠΕΡΑΣΜΑΤΑ ΕΞΕΤΑΣΗΣ / EXAMINATION CONCLUSION:

Ο τεχνικός φάκελος που προσκομίστηκε και το αντιπροσωπευτικό δείγμα του προϊόντος πληρούν τις απαιτήσεις των προδιαγραφών ελέγχου. / *The technical file submitted and the sample of the type of product meets the requirements of the applied standard.*

Επιπρόσθετες πληροφορίες / Additional information:

Ο κάτοχος του πιστοποιητικού οφείλει να ενημερώνει τον Κοινοποιημένο φορέα σχετικά με την οποιαδήποτε τροποποίηση του εγκεκριμένου τύπου. / *The certificate holder must inform the Notified Body of all modifications to the approved type.*

Εκδόθηκε στην Αθήνα / *Issued in Athens*: 27.07.2012



Παναγιώτης Κοντούλης / *Panagiotis Kontoulis*
Προϊστάμενος Τομέα Ανελκυστήρων & Ανυψωτικών Μηχανημάτων
/ *Head of Lifts & Lifting Appliances Sector*



TÜV AUSTRIA
GROUP



ΕΛΛΑΣ Α.Ε.
ΗΛΕΚΤΡΟΜΑΓΝΗΤΙΚΗ ΣΥΜΒΑΤΟΤΗΤΑ

ΒΕΒΑΙΩΣΗ ΔΟΚΙΜΩΝ

Certificate of Tests

Εφαρμοζόμενες Οδηγίες:

Application of Council Directive/s:

EMC Directive : 2006/108/EC

LVD Directive : 2006/95/EC

Εφαρμοστέα πρότυπα

Standards by which conformity has been established:

EN 12015

EN 12016

EN 60439-1

EN 81-1

EMC

LVD

Tests performed/ΔΟΚΙΜΕΣ

EN 12015: 2001
EN 12015: 2001
EN55014-1: 2001
EN61000-4-2:95
EN61000-4-4:2004
EN61000-4-6:96
EN61000-4-3 2002

EN 60439-1
§ 8.2.2.4.1,8.2.2.4.2,8.2.4.1
EN 81-1 § 13.1.3

RADIATED EMISSIONS
CONDUCTED EMISSIONS
CLICKS
ESD
EFT
INJECTION CURRENT
RF EM FIELD IMMUNITY

LVD TESTS
LVD TESTS

Πελάτης / Customer

**ΣΤΑ.ΓΕ ΕΛΛΑΣ Α.Ε.Β.Ε
STA.GE HELLAS S.A.**

Προϊόν

Equipment Description

**ΠΙΝΑΚΑΣ ΜΗΧΑΝΙΚΟΥ
ΑΝΕΛΚΥΣΤΗΡΑ
ELECTRIC LIFT CONTROLLER**

Type / Model : EL.CO SMART

Το υπόψη προϊόν δοκιμάστηκε με τα παραπάνω αναγραφόμενα πρότυπα και βρέθηκε να **ΣΥΜΜΟΡΦΩΝΕΤΑΙ** με αυτά.

The equipment as listed above was tested to the stated standards and directives and was found to be **COMPLIANT** with the applicable standards

Χ. ΠΡΙΝΤΣΙΟΣ

Υπεύθυνος Τεχν. Υποστήριξης

Ημερομηνία

Date: MAR. 2010