

**LIFT CONTROL SYSTEMS-ELECTRONICS PRODUCTION**

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# 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.

### -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.**  
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# TEST CERTIFICATE

<b>Certified Body:</b>	EMC HELLAS AE Mesogeion Ave 2-4 TK11527 Athens Tel: +30 210 7798365, Fax : +30 22620 52592, e-mail : emc @haicorp.com	
<b>Certificate No:</b>	E14/050	
<b>Issue Date:</b>	17-6-2014	
<b>Applicable Standards:</b>	EMC Directive : 2004/108/EC LVD Directive: 2006/95 EC	
<b>Customer:</b>	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 : <a href="mailto:sales@stage.gr">sales@stage.gr</a>	
<b>Equipment Description</b>	<b>Name / Label:</b>	Lift Controller for Electric Elevators
	<b>Model / Type:</b>	Elco Smart
<b>Applicable Standards:</b>	<p><b>EN 12015 : 2004</b> Electromagnetic compatibility - Product family standard for lifts, escalators and passenger conveyors – Emission.</p> <p><b>EN 12016 : 2013</b> Electromagnetic compatibility - Product family standard for lifts, escalators and passenger conveyors – Immunity.</p> <p><b>EN 61000-4-2:2009</b> Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test</p> <p><b>EN 61000-4-3:2006</b> Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test</p> <p><b>EN 61000-4-4:2004</b> Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test</p> <p><b>EN 61000-4-5:2006</b> Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test</p> <p><b>EN 61000-4-6:2009</b> Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields</p> <p><b>EN 81-1: 1998 +A3:2009 (§ 13.1.3)</b> Safety rules for the construction and installation of lifts - Part 1: Electric lifts.</p> <p><b>EN 60439-1:1999 + A1:2004 (§10.5.2 §10.5.2)</b> 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**

