

## INSPECTION CERTIFICATE

**Manufacturer** : Sta.Ge Hellas  
**Address** : 49, Makrigianni Str., N. Chalkidona 14343, Athens, Greece

**Subject of inspection** : **CONTROL PANEL FOR ELECTRIC ELEVATORS  
EL.CO Micro (2S - VVVF)**

**Inspection activities** : Review of technical documentation, Inspection of model control panel

**Requirements / Specifications** : European Directives:  
95/16/EC (Lifts)  
2004/108/EC (Electromagnetic Compatibility)  
2006/95/EC (Low Voltage)

European Standards :  
EN 81-1:1998+A3:2010, EN 12015, EN 12016

### Conformity with the Standard EN 81-1+A3

A review of the technical documentation of the control panel was performed. Then a visual inspection and tests of a model control panel followed on the premises of the manufacturer and a report was issued (IR: 1278711).

Test results: The design of the control meets the requirements of EN 81-1:1998+A3:2010 (Safety rules for the construction and installation of lifts - Part 1: Electric Lifts)  
For UCM protection (§9.11 +A3) additional device is needed.

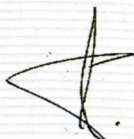
### Directive 2004/108/EC & 2006/95/EC

The control **EL.CO Micro** has been certified according to Electromagnetic Compatibility and Low Voltage Directive by EMC HELLAS

### Conformity to the type

The manufacturer must ensure that the production conforms to the model control panel.

**Date:** 13/10/2014  
**Valid until:** 26/06/2017



D. Gournakis  
Head of Lifts Certification Division



# DECLARATION OF CONFORMITY



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

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 (December 2013).

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

## EL.CO Micro

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	CONDUCTED EMISSIONS
EN 61000-3-2	HARMONICS
EN 12015: 2004	RF EMISSIONS
EN 61000-4-2: 2009	ESD IMMUNITY
EN 61000-4-3:	RF EM FIELD
EN 61000-4-4: 2004+A1	SURGE
EN 61000-4-5: 2006	EFT
EN 61000-4-6: 2009	RF CONDUCTED IMMUNITY
EN 61000-4-11: 2004	VOLTAGE DIPS & INT/PTIONS
EN 55014-1: 2006 +A1: 2009 +A2: 2011	CLICKS

**-LVD Directive: 2006/95/EC**

APPLIED STANDARDS	
EN 81-1:1998 + A3: 2009 §13.1.3	Safety rules for the construction and installation of lifts –Part 1 (Electric Lifts)
EN 60439-1: 2009 + A1: 2004 § 10.9.2 § 10.5.2	Low-voltage switchgear and controlgear assemblies – Part 1: Type-tested and partially type-tested assemblies

**-RoHS 2011/65/EU**

Year that CE Mark was applied:  
**Athens, 27 of December 2013**

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

**Sta.Ge HELLAS S.A.**  
**CONTROL SYSTEMS FOR LIFTS**

VAT: EL 998807363 T: (+30) 210 2711300  
F: (+30) 210 2710497 E: info@stage.gr