

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

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 President and Managing Director
 Sta.Ge HELLAS S.A.

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