

# TEST CERTIFICATE

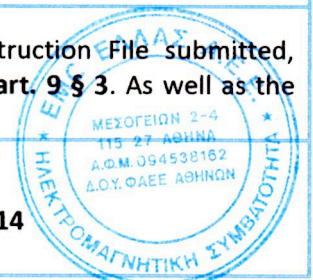
|                              |  |  |
|------------------------------|--|--|
| <b>Certified Body:</b>       | EMC HELLAS AE<br>Mesogeion Ave 2-4 TK11527 Athens<br>Tel: +30 210 7798365, Fax : +30 22620 52592,<br>e-mail : emc @haicorp.com   |  |
| <b>Certificate No:</b>       | E14/050  |  |
| <b>Issue Date:</b>           | 17-6-2014  |  |
| <b>Applicable Standards:</b> | EMC Directive : 2004/108/EC<br>LVD Directive: 2006/95 EC   |  |
| <b>Customer:</b>             | STA.GE HELLAS S.A.<br>Control Systems for Lifts<br>Head Offices: 49, Makrigianni Str.   N.Chalkidona 14343   Athens, GREECE<br>Tel : +30 210 2711300   +30 210 2779568   +30 210 2516060<br>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>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<br/>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**

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E.M.C./HELLAS S.A.

**Date: 17-6-2014**



## 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<br>§ 8.2.2.4.1, 8.2.2.4.2, 8.2.4.1 | CONDUCTED EMISSIONS  |
| EN 81-1:1998 + A3: 2009<br>§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. Stavgiannoudakis**  
 President and Managing Director  
 Sta.Ge HELLAS S.A.

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