

# ILIAS SKANTZOS

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Nationality: **Greek**  
Birth Date: 11-05-1981  
Single  
Driver's License



## PROFESSIONAL SKILLS

### Engineering

- Full View of **Control Systems Philosophy**, Control Theory & Networks
- Design & Implementation of **Logic Diagrams**
- Design & Implementation of **Process Graphics**
- Evaluation of **DCS/ESD technical offers**
- Commending-Reviewing-Approving Suppliers' Documentation/Designs
- **Process control** in Power Plants (BOP, HRSG & Electrical).
- **I/O List**
- **FAT & SAT**
- Design of **Control Architecture**
- **Fiber Optic** Network Design
- **Fire Detection & HVAC** System Design Review
- Handle of **P&IDs** and **Electrical Drawings**.
- **Remote Technical Support**
- Defining – Analyzing **Alarms & Process Trends**
- Meetings with **end-client / suppliers** for **negotiations**

### Worksite

- **I & C Troubleshooting** during Plant Commissioning and Operation
- **I/O HW & SW Commissioning**.
- **Functional Tests** of PLC/DCS/ESD Hardware & Software
- **Communication Links** Establishment (Modbus /IEC IEC103/4/ HART)
- Technical Office: **Electrical Drawings/Wirings/Cable Lists**/IO Lists
- **As-Built** Documents & Drawings Preparation
- Power Plant **operation supervising**
- **Leading a team** (Tech. Advisors, Programmers ...) during Commissioning.
- Working under pressure & in **tight deadline**.
- Working with **multicultural team**.
- Health & Safety site regulation (**LOTO** procedure)
- Electrical Erection
- Electrical Commissioning
- Materials Handling

### Computer

- Programming Languages (**C, C++**)
- **PLC Programming** (Ladder, STL, FBD)
- **AutoCad**, SEE Electrical
- MS Office, MS Windows, MS Visio,
- **Matlab** (Simulink),
- **Siemens** Software Platforms (WinCC, WinCC Flexible, STEP 7, Microwin, Logo)
- **ABB** Software Platforms (DCS 800xA, Symphony Harmony, PGP)
- **Metso** Automation (DCS DNA)
- **GE** Mark Vie

### Languages

- **Greek** (native)
- **English** (proficient)
- **Spanish** (basic)

## EDUCATION

03/2006

Studies of **Industrial Automations Engineering**, Technological Educational Institute of Chalkis, Greece  
Thesis subject: Position Control in Robotic Gripper in Matlab (simulink)

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**PROFESSIONAL EXPERIENCE**

- 04/14 – Today      METKA S.A., Hamer El Ain, **Algeria** , **SPE** Owner  
[**GE** Turbines TM2500 x 8 - 23MW each]  
Job Title – BOP & Electrical **Site Manager**
  
  - 11/13 – 04/14      METKA S.A., MSILA, **Algeria** , **SPE** Owner  
[**GE** Turbines TM2500 x 24 - 23MW each]  
Job Title – **Site Manager**
  
  - 07/12 – 10/13      METKA S.A., Samsun , **Turkey**, **OMV** Owner  
[Combined Cycle Power Plant, 2 Single Shafts, **GE's** GT 9FB & ST A16- 860 MW]  
Job Title – **DCS Commissioning Supervisor-Coordinator Engineer**
  
  - 03/12 – 07/12      METKA S.A., Deir Ali II, **Syria**, **PEEGT** Owner  
[Combined Cycle Power Plant, Multi-Shaft, **Ansaldo** 2 x GT AE94.3A & ST – 701 MW]  
Job Title – **DCS Commissioning Supervisor-Coordinator & Technical Office Engineer**
  
  - 04/11 – 03/12      METKA S.A., Korinthos, **Greece** **METKA SA** Owner  
[CCPP, Single Shaft, **GE's** GT 9FB & ST A15 – 437 MW]  
Job Title – **DCS Commissioning Supervisor-Coordinator Engineer**
  
  - 10/10 – 04/11      METKA S.A., **Electrical Engineering Office**, Thessaloniki, **Greece**  
[**Korinthos CCPP** project, **Samsun CCPP** project]  
Job Title – **DCS & Low Voltage Project Engineer**
  
  - 09/10 – 10/10      METKA S.A., Frorina, **Greece**, **PPC** Owner  
[**Hydroelectric** Power Plant – 600KW]  
Job Title – **I&C Commissioning Engineer**
  
  - 07/09 – 09/10      METKA S.A., **Electrical Engineering Office**, Thessaloniki, Greece  
[**Ilariona Hydroelectric** Power Plant project, **Agios Nicolaos CCPP** project]  
Job Title – **DCS & Low Voltage Project Engineer**
  
  - 03/09 – 07/09      METKA S.A., Kozani, **Greece**, **PPC** Owner  
[Mines Kardias & Mauropigis]  
Job Title – **Commissioning Field Engineer**
  
  - 06/08 – 03/09      METKA S.A., Kozani, **Greece**, **PPC** Owner  
[**Electrostatic Precipitator** for Agios Dimitrios PPC Environmental project]  
Job Title – **Commissioning & Software Engineer** (SIEMENS PLC & SCADA)
  
  - 05/05 – 06/08      Rodax S.A. [METKA subsidiary], Athens, **Greece**  
[**Electrostatic Precipitators** for Agios Dimitrios PPC & Kardias PPC, **District Heating** for Megalopolis, for Liptol PPC & for Amynteo PPC]  
Job Title – **Project Software Engineer**
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