

**KANAS VASILIOS**  
**Submarine Power Cable Engineering**  
**Manager**

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## PROFESSIONAL EXPERIENCE

01/2022 – present **HELLENIC CABLES GROUP**

### **Engineering**

#### **Senior Cable Engineering Manager**

Provides the calculations and the compilation of technical request data. Composes the technical part of the offers and brochures. Designs and suggests improvements of analysis programs and cable coding. Conducts market research for new products, issues study orders, and tracks samples. Schedules, recommends, controls and approves, in accordance with the Company's procedures and regulations, the manpower of his area of responsibility relating to the division of tasks, the distribution of objectives, the evaluation of executives, the permits, the absences, the overtime and any other issue is related to good administration and optimal use of human resources.

03/2016 – present **HELLENIC CABLES GROUP**

### **Engineering**

#### **Submarine Power Cable Engineering Manager**

Provides the calculations and the compilation of technical request data. Composes the technical part of the offers and brochures. Designs and suggests improvements of analysis programs and cable coding. Conducts market research for new products, issues study orders, and tracks samples. Schedules, recommends, controls and approves, in accordance with the Company's procedures and regulations, the manpower of his area of responsibility relating to the division of tasks, the distribution of objectives, the evaluation of executives, the permits, the absences, the overtime and any other issue is related to good administration and optimal use of human resources.

08/2014 – 02/2016 **Engineering**

### **Cable Engineer**

Study and monitor the evolution of national or international cable specifications. Performs cable design based on customer requirements. Technically supports customers. Drafts technical data to send to customers with the offer. Drafts technical data for brochures. Carries out a market research for new raw materials and communicates with suppliers to clarify new or existing channels. Makes a market research for new products, issues study orders and tracks samples. Issues cable codes. Monitor production developments and work with them to adjust analyzes. Participates in the creation and upgrading of computerized analysis programs. Updates the analysis files

10/2012 – 06/2013 **Smit Transformatoren BV**

### **R&D**

#### **Graduate Master Student**

Investigation and evaluation of possible failure mechanisms of On-Load Tap Changers (OLTC) related to partial discharge activity. Partial discharge measurements performed on Delta and Star connected tap

changes as well as partial discharge measurements performed on small scale experimental set up, based on the operation of the on load tap changer. Finally, evaluation of the possibility and failure rates of On Load Tap Changers caused by partial discharge activity

**05/2012 – 09/2012 Stedin**

**R&D**

**Intern**

Investigation and evaluation of failure mechanisms of 11kV COQ switchgears as well as investigation of mitigation measures to reduce the failure rate of such type of switchgears.

## **ACADEMIC BACKGROUND**

**09/2011 - 06/2013 Delft University of Technology**

**Master's Degree, Intelligent Electrical Power Grids - High Voltage Technology and Management, Cum Laude**

Modules included: High Voltage Constructions, High Voltage DC, Power System Dynamics, Diagnostics for High Voltage Assets, Power System Analysis II, Power Systems Grounding and Protection, Photovoltaic Systems, Electrical Machines and Drives, AC Machines, Transients in Power Systems, Sustainable Power Engineering, Finite Element Modelling, Renewable Energy, Photovoltaic Basics, Orientation to Electrical Power Engineering, Power Electronic Conversion, Power E/M

**09/2004 - 11/2009 Democritus University of Thrace**

**Electrical and Computer Engineering (5 year Diploma)**

Modules included: Power Systems, Electrical Machines, High Voltage Technology, Nuclear Technology, Renewable Energy/ Thesis: «Electric and Magnetic Field Measurements and Evaluation in a High Voltage Substation»

## **SEMINARS AND TRAINING PROGRAMS**

Health and Safety in the work place (seminar)

ISO 9001:2000 Auditing (seminar)

ISO 9001:2008 Auditing (seminar)

ISO 14001:2004 Auditing (seminar)

OHSAS 18001:2007 Auditing (seminar)

Environmental Management Systems Auditing (According to EN ISO 14001:1996)

Organization and Administration of School Units (International Congress)

Network infrastructures and Services of Telemarketing (seminar)

## **SKILLS & ACTIVITIES**

### ➤ **FOREIGN LANGUAGES**

Greek: Fluent (mother tongue)

English: Fluent

French: Advanced

Dutch: Beginner

### ➤ **COMPUTERS**

Microsoft Office™, Matlab, Mathcad, ATP/EMTP, Maxwell, Autocad

### ➤ **PROFESSIONAL MEMBERSHIP**

Member of Technical Chamber of Greece (TEE)