

Personal Information

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| Age: 43 years old | Nationality: Greek

Industrial experience

11/01/2021 -

31/12/2022 **Deputy plant Quality Assurance Manager**

Hellenic Cables, Cenergy Holdings S.A., cable production plant, Thiva, Greece.

Main activities and responsibilities:

- Implement root cause analysis using 8D problem solving methodology in cases of defects through cable manufacturing process (Drawing, Annealing, Insulation, Screening, Twisting and Stranding, Extrusion, Cabling). Use of continuous improvement tools, edit 8D reports, monitor CAPAs and maintain CAPA's log file.
- Internal auditing, perform health checks, approve process checklists, process and standard work development.
- Edit defect reports to the external providers as well as 8D reports to customers.
- Owner of Quality Daily Management System in cable Insulation and cable Screening Departments (Quality Pillar/ Integrated Working System / EY Operational Excellence Program).

1/7/2009 -

31/8/2019 **Quality Control Engineer / Heat treatment supervisor**

Stassinopoulos - Uddeholm Steel Trading S.A., company of trading and heat treating of metallic materials, Piraeus, Greece.

Main activities and responsibilities:

- Selection of the appropriate tool steel for engineering parts/moulds/dies. Providing consultation for their heat treating sequence, machining and finishing procedures.
- Providing consultation for the design of engineering parts/moulds/dies.
- Design, supervise and qualify the heat treatment sequence of engineering parts/moulds/dies according to the steel grade used.
- Implementing QC procedures of heat treated parts (dimensional changes, hardness tests).
- Perform failure analysis investigations of engineering components.
- Supervising preventive maintenance as well as repair activities of the industrial equipment of the heat treatment shop.
- Paying duties as technical manager since February 2018.

Academic experience

21/9//2023 -
15//12/2023

External training instructor/ EASA Part 66 Aircraft Maintenance License
(UAE airframe & powerplant engineering technicians)

Hellenic Aerospace Industry (H.A.I.), Training Directorate, Schimatari, Viotia, Greece

Modules

- Basic aerodynamics
- Gas turbine engines
- Piston engines
- Propellers

01/10/2004 - Mechanical Engineer / Laboratory Associate

Department of Mechanical Engineering, School of Engineering, University of West Attica, Egaleo, Athens, Greece.

- Laboratory of Quality Control and Technology of Metallic Materials,

Main activities and responsibilities:

- Teaching the laboratory part of the courses "QC and Technology of Materials", "Heat Treatment of Metallic Materials, "Failure analysis of Engineering Materials."
- Organize and run failure analysis investigations of engineering components.
- Implement and qualify QC procedures related to mechanical properties of metallic materials.
- Design, supervise and qualify heat treatment sequence of construction and tool steel grades.
- Implement destructive and non-destructive testing in engineering components.
- Perform light optical microscopy examination on metallic materials.

10/02/2018 -

- Laboratory of Strength of Materials,

Main activities and responsibilities:

- Teaching the laboratory part of the course "Strength of Materials".
- Implement mechanical tests (tension, compression, bending, torsion, buckling).

Published research articles: 14 in peer reviewed academic journals, 26 in proceedings of international scientific conferences, 14 in Greek academic journals and conferences.

14/7/2003-
31/12/2003,
19/3/2004-
25/8/2005

Internship / research study

Hellenic Aerospace Industry (H.A.I.), Physical Sciences Laboratory, Schimatari, Viotia, Greece.

Main activities

- Macro and micro hardness testing on aviation parts.
- Preparation of metallographic specimens.
- Light optical microscopy of metallic materials.
- Corrosion resistance testing of metallic materials.

Education and training

2/2/2016 - PhD Candidate

National Technical University of Athens, School of Mechanical Engineering, Manufacturing Technology Sector.

Topic: "Cryogenic treatment of metallic alloys".

Assignment date: 7/4/2016.

Scholarship awarded by the Hellenic Foundation for Research and Innovation.

1/10/2010 - 26/9/2015 Master of Science in Quality Assurance

Hellenic Open University

Diploma thesis: "Quality management system design of a tool steel trading and heat-treating company.

Impact assessment of compliance according to ISO 9001: 2015".

21/4/2004-09/10/2009 MEng in Mechanical Engineering

National Technical University of Athens.

Cycle of studies: Mechanical Engineering of Air and Ground Transport Vehicles.

Diploma thesis: "Quenching optimization of an extrusion die made of tool steel".

03/2/2000-18/11/2003 BEng in Mechanical Engineering

Technological Education Institute of Piraeus.

Cycle of studies: Constructions Mechanical Engineering.

Graduate thesis: "Effect of nitriding on the corrosion resistance of a precipitation hardening stainless steel (W. Nr. 1.4534)".

Certificates

ISO 9001: 2015 Lead Auditor Training Course, TUV NORD
Efficient Time Management course, Chris Croft, LinkedIn Learning
Active Listening, Servant Leadership Workshop, Operational Excellence Program, EY-Greece
Safety Leadership, Servant Leadership Workshop, Operational Excellence Program, EY- Greece
SAP training course, Hellenic Cables, Cenergy Holdings S.A.
Internal Auditor for Integrated Management Systems ISO 14001:2015- ISO 9001:2015 - ISO 45001:2018, TUV NORD
GDPR Awareness course
ISO 27001 internal course, Hellenic Cables, Cenergy Holdings S.A.
Servant Leadership Workshop, Operational Excellence Program, EY- Greece
Standard Work course

8D Analysis course
5 Whys course
OEE Losses course
Problem solving course
Hazard Identification course
Metallurgy Winter School of Additive Manufacturing, University of Trento, Italy

Personal skills

Native Language Greek

Other Language English

UNDERSTANDING		SPEAKING		WRITING
Oral	Written (Reading)	Communication	Oral Expression	
C1	C1	B1	B1	C1
Advanced Level Certificate in English (A.L.C.E) University of Michigan				

Level: A1/A2: Basic user - B1/B2: Independent user - C1/C2: E=Experienced user
[Common European Framework of Reference](#)

Communication skills Communication skills acquired to the steel trading department of Stasinopoulos-Uddeholm Steel Trading S.A., as well as to the Quality Assurance department to Hellenic Cables S.A..

Organizational / Managerial skills

- Head of a six-member group of undergraduate students of the laboratory "Quality Control and Technology of Metallic Materials", Department of Mechanical Engineering, School of Engineering, University of West Attica.
- Five-member team in Quality Assurance Department of Hellenic Cables, Cenergy Holdings S.A.
- Head of a ten-member team in the departments of steel trading and heat treatment of the company Stasinopoulos-Uddeholm Steel Trading S.A..

Professional skills

- Quality Management.
- Use of statistical tools (point estimation, confidence intervals, statistical hypotheses), as well as tools and methods for quality control (metrology, instrument calibration, mechanical properties testing) and as quality assurance techniques, (measurement uncertainty, statistical process control, design of experiments).
- Use of continuous improvement tools (8D, PDCA cycle, 5whys, Ishikawa diagram, checklist, histogram, pareto chart, flow chart, standard works).
- Perform failure analysis investigations on engineering components.
- Tool steel selection.
- Propose and implement the appropriate heat treatment sequence for steel and aluminum alloys.
- Implement microscopic evaluation by optical and electron microscopy.
- Implement mechanical properties' testing and evaluate results.

Digital skills:

SELF ASSESSMENT				
Data Processing	Communication	Content Creation	Security	Problem Solving
Experienced user	Experienced user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Experienced user

[How to describe my digital skills](#)

Certified by the National Technical University for computer operation skills.

- Experienced user of **MS Office** (word processing, spreadsheets, presentations),
- Independent user of data analysis software **Minitab** obtained during working to Hellenic Cables, Cenergy Holdings S.A. and during the postgraduate study of Quality Assurance.
- Basic user of Dassault Systemes **Solidworks** obtained in the context of the diploma thesis in National Technical University of Athens.

Membership in societies Hellenic Metallurgical Society (since 2004)

American Society for Metals (since 2009)

Technical Chamber of Greece (since 2010)

American Society for Quality (since 2022)

Additional Information married, two children.