

ILIESCU Dragoș



8 Paul Teodorescu Blvd 061345 Bucharest, Romania

+(40) 726 335 167

dragos.iliescu@upb.ro

Education

2011 - 2015

PhD, Industrial Engineering

University POLITEHNICA Bucharest

▪ Thesis: Contribuții la Studiul și Modelarea Managementului Asistat al Proceselor Industriale (*Contributions to the study and modelling of assisted management for industrial processes*).

1985 - 1991

Material Science, Specialisation of Plastic Deformation and Heat Treatment

University POLITEHNICA Bucharest

Certification

2022

SR EN ISO/IEC 17025:2018, SR EN ISO 19011:2018 Auditor
FIATEST SRL

2019

CQI/IRCA ISO 9001:2015 Lead Auditor
Lloyd's Register Romania

2006

Skill-up course session – Management
Hay Group Bucharest (<https://www.haygroup.com/ro>)

2000

Six Sigma
General Electric, Prague, Czech Republic (Black Belt degree)

Profession Experience

2021 Feb - Today

Associated Teaching Staff – Lecturer

UNST Politehnica Bucharest, Splaiul Independenței 313, București
Faculty of Industrial Engineering and Robotics

– Technology Strategy Program

2021 Feb - Today

Quality Management - Manager of Integrated Management System

Nuclear NDT Research & Services, Șoseaua Berceni 104, Bucharest

- Implied standards: SR EN ISO/IEC 17025:2018, SR EN ISO 9001, 14001:2015, SR EN ISO 45001:2023
 - QMS maintenance, QA Manual, System Procedures, Audit Programme.
 - External communication.
 - Continual improvement, proposal, implementation and evaluation
 - Project eLIMS (2023) – management information system

2018 Sep – 2020 May QA/QC Manager

Doosan IMGB, Șoseaua Berceni 104, Bucharest.

3 direct reporting subordinates, total team of 15 members.

- **QA Responsibilities:**
 - QMS maintenance: QA Manual, Quality Control Procedures, Internal Audit Programme; Reference ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007.
 - external communication with surveillance classes and external Laboratories;
 - continual improvement, proposal, implementation and evaluation;
 - DIMGB Context Dashboard – electronic system for context analysis (ISO 9001:2015, §4).
 - coaching of team members.
 - Process effectiveness and efficiency (KPI meeting) – monthly evaluation and reporting.
- **QC Responsibilities:**
 - Implied standard ISO 9001:2015, client specifications and legal requirements;
 - Final release of the manufactured products and quality documentation,
 - Closure approval of Non-Conformity Reports,
 - Approval of Certified Material Test Reports,
 - Continual improvement: proposal, implementation and evaluation;
 - Coaching of team members.

Quality Control Manager

2015 Feb – 2018 Sep

Doosan IMGB, Șoseaua Berceni 104, Bucharest.

3 direct reporting subordinates, total team of 12 members.

- Final release of the manufactured products and quality documentation,
- Closure approval of Non-Conformity Reports,
- Approval of Certified Material Test Reports,
- Continual improvement: proposal, implementation and evaluation;
- Coaching of team members.

2006 Feb – 2015 Feb

Quality Manager

Doosan IMGB (former Kvaerner IMGB), Șoseaua Berceni 104, Bucharest.

3 direct reporting subordinates, total team of 25 members.

- **QA Responsibilities:**
 - QMS approval: QA Manual, Quality Control Procedures, Internal Audit Programme; Reference ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007.
 - External communication with Laboratory – information flow design and management;

- Continual improvement, proposal, implementation and evaluation;
 - Project eNCR (2007) – information system for nonconforming product control;
 - Project eLAB (2010) – information system for communication with Laboratory;
 - Project eQSYS (2010) – QC information system;
 - Project eTFT (2014) – management of information flow - Task Force Team information system.
- **QC** Responsibilities:
 - Reference standard ISO 9001:2008, client specifications, legal requirements;
 - Final release of the manufactured products and quality documentation,
 - Closure approval of Non-Conformity Reports,
 - Approval of Certified Material Test Reports,
 - Continual improvement: proposal, implementation and evaluation;
- **NDE** Responsibilities:
 - Reference standard SNT-TC-1A.
 - Management of NDE operators training and certification.
 - Closure approval of Non-Conformity Reports.

2004 Oct – 2006 Feb

Quality Manager

Kvaerner IMGB, Șoseaua Berceni 104, Bucharest.

2003 Sep – 2004 Oct

Quality Assurance Senior Engineer

Kvaerner IMGB, Șoseaua Berceni 104, Bucharest.

Research Experience (industrial and academic)

2000 – 2005

Application of Six Sigma methodology in industrial process optimisation

- Heat treatment optimisation – case study of subway axle made of the steel grade 34MoCrNi15XL (Kvaerner IMGB, Technical Report, 2000).
- Heat treatment process optimisation for hardening of heavy backup rolls (Kvaerner IMGB, Technical Report, 2001).
- (Lecturer) Six Sigma skill-up sessions for engineers (Kvaerner IMGB, 2001 & 2005).

2011 – 2014

Business Process Reengineering (BPR)

- In process testing of chemical composition on liquid steel – electronic framework implementation (Doosan IMGB, Project eLAB, 2011).
- Business process optimisation for raw material incoming inspection (Doosan IMGB, Project eWRH, 2014).

2007 - 2014

Application of Information systems on industrial manufacturing organisations

- Management of Nonconforming products (Doosan IMGB, Project eNCR, 2007).
- Operational framework for Quality Control activity (Doosan IMGB, Project eQSYS, 2010).
- Operational framework for Task Force Team (Doosan IMGB, Project eTFT, 2014).

- 2016 - 2018 Identity Criteria, Conformity Concepts, Knowledge Transfer and Learning Management Systems (Research project on Collaborative Academic Work)
- Collaborative Scientific Writing Between Writing Art and Project Management (in Handbook of Research on Student-Centred Strategies in Online Adult Learning Environments, IGI-Global, U.S.A. 2018).
 - Design of a Learning Management System for Romanian Higher Engineering Education (Publication, Oral Presentation and Best Paper Award on IManE&E 2017).
 - Knowledge transfer management as a learning process for ad hoc teams (Publication and oral presentation on ModTech 2017).
 - Identity Criteria, Knowledge Formation and Conformity Concept Developed in Learning Conceptual Space (Publication and oral presentation on ICVL 2017).
- 2021 - today Laboratory Information Management System (Project eLIMS)
- Some Considerations on Conceptual Modeling for a Laboratory Information Management System, 23rd International Carpathian Control Conference (on-line), IEEE, 2022.
 - Conceptual Modelling of a Laboratory's Products and Some Assisted Management Applications, International Journal of Advanced Statistics and IT&C for Economics and Life Sciences, Vol. 14(1), 2024.
- 2014 - 2024 Oral presentations on International Scientific Conferences (First Author)
- POSDRU (POSDRU/159/1.5/S/137390) National Conferences (University POLITEHNICA Bucharest, 2014 – 2015).
 - 18th International Conference on System Theory, Control and Computing (ICSTCC 2014).
 - 7th International Conference on Advanced Manufacturing Technologies (ICAMaT 2014).
 - 9th International Conference on Materials Science and Engineering (BraMat 2015).
 - 7th International Conference on Manufacturing Science and Education (MSE 2015).
 - 13th International Conference eLearning and Software for Education (eLSE 2015).
 - 14th International Conference eLearning and Software for Education (eLSE 2016).
 - 4th International Conference on Computing and Solutions in Manufacturing Engineering (CosME 2016).
 - 21st International Conference Innovative Manufacturing Engineering & Energy (IManE&E 2017).
 - 5th International Conference on Modern Technologies in Industrial Engineering (ModTech 2017).
 - 23rd International Conference Innovative Manufacturing Engineering & Energy (IManE&E 2019).
 - 23rd International Carpathian Control Conference (ICCC 2022).
 - 9th International Conference on Modelling and Development of Intelligent Systems (MDIS 2024).
 - 13th International Conference on Advanced Manufacturing Technologies (ICAMaT 2024)

Awards

- Sectoral Operational Programme Human Resources Development (SOP HRD), financed from the European Social Fund and the Romanian Government under the contract number POSDRU/159/1.5/S/137390:
 - Fulfilling the indicator of published scientific papers,
 - Fulfilling the indicator of scientific presentations.
- 21st International Conference Innovative Manufacturing Engineering & Energy:
 - Best paper award, Section of Innovation, Creativity, Learning and Education in Engineering.