

# Federica Meglio

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## **Education & Training**

### **PhD**

#### **Electrical Engineering (2005 – 2007)**

Università degli studi di Cassino

### **Master's Degree**

#### **Telecommunications Engineering (1999 – 2005)**

Università degli studi di Cassino

**Final Grade:** 110/110 con lode

### **High School Diploma (1994 – 1999)**

Liceo Scientifico "Leonardo da Vinci" Sora (FR)

**Final Grade:** 100/100

## **Professional Register of Engineers**

Admission to the Professional Register of Engineers

Università degli Studi di Cassino

**Final Grade:** 120/120

**From 01/2024 to Present**

**Working  
Experiences in  
ABB**

**Quality and Continuous Improvement Manager, Hub  
Europe, ELSP**

**Responsibilities**

- Implementing effective quality management strategies for Smart Power HUB Europe as well as for Smart Power factories in Italy aligned with global division strategy.
- Being responsible for effective implementation of ABB quality management system and international QMS, and develop and maintain it in workshop.
- Very proactive with customers and lead with team to understand and figure out actions for quality cases.
- Preventing mistakes and defects in products and avoiding problems when delivering to customers.
- Being responsible for quality assurance of all process in manufacturing area from incoming material, process quality, to machine outgoing quality. Ensure that Smart Power product are meet with ABB and customer quality requirement during manufacturing.
- Following up Customer service for warranty/ complain cases from front customer service, conduct with production, service and suppliers to find root cause and figure out action plan. And provide relevant 4Q/8D report.
- Taking lead to handling Nonconformity of product and material quality during manufacturing, in process quality control, verification of the effective of action plan from external supplier and internal team, and issue monthly NCR analysis report.
- Leading HUB quality function and ensures the team is properly organized, staffed, and skilled and directed and motivate and encourages teamwork within the workforce to ensure productivity and Key Performance Indication (KPI) targets are met.

***From 02/2020 to 12/2023***

**Product Engineering Manager - R&D Competence Center  
Italy, ELSP, Frosinone.**

**Responsibilities**

- Manage resources for product engineering activities and engineering changes implementation using internal resources. Ensure product engineering projects are completed on time, on cost and on quality.
- Lead and manage projects and activities during the life cycle of the products after the release for sales.
- Manage resources to develop the best technical solutions to address quality issue and reach the requested product performances.
- Transfer new products from R&D development team to Operation with all the set of documentation (Electrical

Schematics, BoM, Working Instruction, Spare parts list, Product Manuals....).

- Establish preliminary contacts with suppliers for defining co-engineering terms agreement in cooperation with Procurement Department. Ensure product engineering team to oversee construction of production equipment, sampling activity and give authorization for final payment after all necessary verifications.
- Responsible for product cost monitoring/estimation/verification in all product lifecycle for components, tooling and process. Coordinate analysis and product cost optimization actions for all manufacturing phases. Define Capital expenditure needs for external process equipment and coordinate the correct flow of expenditure from commissioning to acceptance.
- Collect and monitor Capital expenditure for PG3098 (Italy and Bulgaria).
- Ensure (with HR Manager support) that the area of responsibility is properly organized, staffed, skilled and directed. Guide, motivate and develop direct subordinates within HR policies.

***From 07/2018 to 02/2020***

**Product Engineering Manager for Active Products - R&D Competence Center Italy, ELSP, Frosinone.**

**Responsibilities**

- Support the R&D Team Manager in the planning and management of Active Product Engineering Activities and resources
- Support the development of small projects, identifying the budget of the specific functional area (e.g. electronic/mechanical)
- Lead Product Engineering Specialists and Product Engineer in order to meet requirements of product development projects focused on the optimization and development of Internal/External assembly methods, processes and equipment in close cooperation with factory dept., Research and Development (R&D) and Product Managers

***From 06/2016 to 06/2018***

**Process Quality & OpEX Manager for all products, ELSP, Frosinone**

### **Responsibilities**

- Manage resources for process quality activities: monitor, inspect, test and improve the quality product and processes
- Actively participated in resolving quality issues and managing non-conformities. Support Production Dept in case of quality issue in production, managing resources to address quality issue and reach the requested product performances
- Collaborate with Product Quality, Production and Research and Development departments to optimize products/processes and ensure quality standards were met
- Identify and manage quality risks, implementing preventive and corrective actions/measures
- Support Quality Management System and Quality Assurance
- Support Customer Support Dept to manage quality issues with customers to achieve mutual satisfaction
- **Act as a promoter for Quality Wins implementation**
- Attend Quality Circle and monitor Problem Solving Resolution for reducing customer complaints from the market
- Manage Quality KPI
- Organize and manage quality audits with Customers and Certifying Institutes
- Coordinate the **first edition of “Quality Win Championship”**

***From 06/2012 to 06/2016***

**Product & Process Quality Manager for Power MCCB (Tmax T4-5-6 + Isomax), ELSP, Frosinone**

### **Responsibilities**

- Manage resources for quality activities: monitor, inspect, test and improve the quality of components, product and processes
- Actively participated in resolving quality issues and managing non-conformities. Support Production Dept in case of quality issue in production, managing resources to address quality issue and reach the requested product performances
- Collaborate with production and research and development departments to optimize processes and ensure quality standards were met
- Support Quality Management System and Quality Assurance
- Support Customer Support Dept to manage quality issues with customers to achieve mutual satisfaction
- **Act as a promoter for Quality Wins implementation**
- Attend Quality Circle and monitor Problem Solving Resolution for reducing customer complaints from the market
- Manage Quality KPI
- Organize and manage quality audits with Customers and Certifying Institutes
- Conducted training sessions for staff to promote a culture of

quality within the company

***From 11/2010 to 06/2012***

**Quality Specialist, ELSP, Frosinone.**

**Responsibilities**

- Monitor, inspect, test and improve the quality of components, product and processes
- Actively participated in resolving quality issues and managing non-conformities
- Propose measures and actions to correct or improve our final products and processes to meet established quality standards
- Implement quality assurance policies and procedures
- Organize and manage quality audits with Customers and Certifying Institutes

***From 01/2008 to 11/2010***

**Product Engineer, ELSP, Frosinone.**

**Responsibilities**

Working between design department and main factory depts, manage all the activities necessary to engineer **new products** according to time, cost and quality targets.

Develop all engineering activities to improve level of quality, to reduce product costs and to improve production capacity for existing **active products**.

***Language***

***Italian:*** Native

***English:*** B2