

Draft: Tom Smidth

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Address: Street of Flowers, 123, 1010-000 Lisbon, Portugal

Nationality: Danish

Currently residing in: Portugal

Professional Profile

Production Engineer with over 10 years of experience in project management, process optimization, and leadership of multidisciplinary teams within industrial environments. Proven track record of implementing continuous improvement initiatives, reducing operational costs, and enhancing efficiency across mining, cement, and energy sectors. Dedicated professional with strong intercultural communication skills and a passion for technological innovation. Seeking new opportunities to leverage my expertise in challenging environments, contributing to sustainable organizational growth.

Professional Experience

Operations Manager

Tom S. Engineering Solutions, The Netherlands

January 2020 – Present

Lead a team of 25 engineers and technicians in executing improvement projects for cement and mining plants.

Developed strategies that optimized production processes, resulting in a 15% cost reduction over two years.

Oversaw preventive and predictive maintenance plans, increasing machine availability by 20%.

Coordinated international automation and digitalization projects, including IoT and AI system implementations for real-time monitoring.

Managed budgets exceeding €5 million and negotiated with global suppliers.

Senior Project Engineer

FLSmidth, Copenhagen, Denmark

March 2015 – December 2019

Led technical aspects of installation projects for grinding and drying equipment in cement plants across Africa and Asia.

Managed scheduling and coordinated installation teams, consistently meeting deadlines and budget constraints.

Developed customized solutions for clients, increasing operational efficiency by up to 25%.

Conducted training sessions for local teams, promoting knowledge transfer and sustainability.

Participated in automation solutions implementation, leading to significant energy management improvements.

Process Engineer

LafargeHolcim, Copenhagen, Denmark

July 2010 – February 2015

Analyzed manufacturing processes for cement and concrete, identifying technical improvement opportunities.

Implemented initiatives to reduce energy and raw material consumption, aligning with sustainability goals.

Prepared technical reports and delivered training to production staff.

Collaborated with engineering and maintenance teams to troubleshoot complex operational issues.

Education

Master's Degree in Production and Systems Engineering University of Copenhagen 2008 – 2010

Bachelor's Degree in Mechanical Engineering Aarhus University 2004 – 2008

Certifications & Courses

Lean Six Sigma Green Belt Institute of Quality Management, 2018

Project Management Professional (PMP) PMI Portugal, 2019

Industrial Automation and IoT Coursera, 2021

Artificial Intelligence in IndustryUdacity, 2022Draft: Tom SmidthPhone 31 6 1642

Technical Skills

Project and team management
Industrial process optimization
Automation, IoT, Industry 4.0
Data analysis and AI applications in manufacturing
Predictive and preventive maintenance
ERP Systems (SAP, Oracle)

Languages

Danish: Native
English: Fluent
Portuguese: Advanced
Spanish: Intermediate

Key Projects

IoT System Implementation at a Cement Plant in SpainLed the integration of smart sensors across production lines, increasing real-time monitoring efficiency by 30%.
Automation of Grinding Process in South AfricaDeveloped an automated control system that reduced energy consumption by 20% and improved product quality.
Sustainability Initiative in Norwegian MiningImplemented energy-saving and waste management solutions, contributing to ISO 14001 environmental certification.

Activities & Volunteering

Technical Mentor at Startup Portugal, supporting young engineers in industrial technology careers.
Active participant in international conferences on Production Engineering and Industrial Automation.
Volunteer in educational programs promoting technology for youth in underserved communities.

References

Available upon request.