

AU CAO THUY DUONG

PROCESS ENGINEER

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SUMMARY

- Detail-oriented Chemical Engineer with 2 years of experience in production control and project management in international manufacturing and engineering environments.
- Skilled in data-driven problem solving, process optimization, quality enhancement, time management, technical documentation, and effective cross-functional collaboration.
- Seeking to further develop career as a professional Engineer by applying technical expertise to enhance efficiency and improve quality.

SKILLS

Technical Skills

- Process Monitoring, Optimization & Continuous Improvement
- Technical Support & Troubleshooting
- Data Analysis & Visualization (JMP, Minitab, Excel)
- Project Execution & Timeline Management
- Report Writing & Technical Documentation (SOPs, OPLs)
- Lean Six Sigma (Black Belt), ISO 9001, HACCP, 5S
- Engineering Tools: AutoCAD 2D, Microsoft Office

Soft Skills

- Problem-Solving & Analytical Thinking
- Adaptability & Fast Learning
- Detail-Oriented & Organized
- Cross-functional Communication & Collaboration
- English Proficiency – TOEIC 925 (Advanced Level)

WORK EXPERIENCE

Project Engineer

LantroVision Vietnam Co. Ltd | Nov 2024 - Sep 2025

- Managed and monitored 4 IT infrastructure projects worth over \$10,000 each, ensuring alignment with schedules, budgets, and client specifications.
- Coordinated with subcontractors and internal teams to implement client requirements while ensuring compliance with technical and safety standards.
- Assisted in troubleshooting technical issues on-site, enabling timely resolutions and minimizing downtime.
- Maintained accurate records of on-site changes and modifications for reporting, audits, and future maintenance.

Achievement:

- Successfully delivered 4 projects on time and within budget, fully meeting quality standards.
- Resolved 12+ on-site technical issues during execution, preventing schedule delays and ensuring smooth project progress.

Coating Process Engineer

NSG Vietnam Glass Industries Ltd | Mar 2023 - May 2024

- Supervised daily operations across 2 factories, ensuring compliance with quality standards and preparing monthly reports.
- Provided technical support and performed in-depth data analysis to evaluate product quality, process performance, and equipment efficiency.
- Developed 4 SOPs and 3 OPLs to standardize operations and improve team performance.
- Built 28 real-time monitoring dashboards for data visualization and process control.
- Collaborated with internal departments and the global R&D team to support product improvement initiatives.

Achievement:

- Resolved quality issues through data analysis, successfully releasing blocked inventory and saving \$24,000.
- Designed and executed 8 DOEs, optimizing processes and improving capability by 7%.
- Standardized documentation and training materials, reducing production downtime by 18%.

Process Supervisor (Support Project)

NSG Malaysian Sheet Glass Ltd | Dec 2023 - Jan 2024

- Supervised daily production operations, ensuring adherence to process guidelines and minimizing disruptions.
- Provided technical support to on-site teams to maintain smooth operations.
- Standardized process procedures (SOPs, OPLs) and other documentation to align with production practices.

Achievement:

- Improved product quality by 14% through standardized procedures and enhanced process control.

EDUCATION

HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY - VNU HCM | 2018 - 2022

Bachelor of Chemical Engineering | Major in Process Equipment and Control

CERTIFICATION

SIX SIGMA: BLACK BELT | Aug - 2025

National Association of State Boards of Accountancy (NASBA)

TOTAL PRODUCTIVE MAINTENANCE (TPM) | Mar - 2024

PACE Institute of Management