

XIOMARA CAIPO

MSc Integrated Product Design candidate
(Innovation Management and Product Development)

Summary

Dynamic Project Quality Engineer with over three years of experience, driving quality excellence in automotive projects with a focus on innovative technologies. Expertise in leading APQP processes for product development and managing non-conformities through effective problem-solving methodologies. Experience in collaborating with multidisciplinary teams to exceed client quality expectations and ensure compliance with industry standards.

Work experience

AGP Peru

(January 2023 – July 2024)

Project Quality Engineer

- Lead the APQP process for new developments in projects with clients such as LUCID Motors, Rivian, Zoox, and DTNA, ensuring compliance with the IATF 16949 standard and official guidelines.
- Lead the development of quality insights for new products in collaboration with a multidisciplinary team to define and exceed customer quality expectations.
- Responsible for PPAP submission and approval with clients, including the validation and development of documentation such as drawings, control plans, PFMEA, flow charts, and MSA.
- Lead readiness audits for new models introduced into the manufacturing process, ensuring proper documentation and tool development for production, and facilitating a smooth transition to series production.
- Lead the development of new control measures for innovative technologies with the support of a multidisciplinary team.
- Manage all internal and external non-conformities, utilizing the 8D methodology for effective problem-solving.
- Responsible for receiving and leading client audits and visits.
- Assess Tier 2 suppliers for PPAP approval.
- Prepare and monitor KPIs related to APQP activities to evaluate project progress and ensure alignment with objectives.
- Follow up on production performance and product quality to meet client requirements.
- Provide support for the introduction and industrialization of new technologies, such as Varioplus™ and photovoltaics.

AGP Peru

(August 2021- December 2022)

Quality Engineer eGlass

- Quality responsible for the LUCID Air car set project, from pre-series to serial production.
- Managed and responded to quality claims from the client, LUCID Motors, using the 8D tool for effective problem-solving. Led a multidisciplinary team and implemented improvements in the production line, achieving a reduction in monthly claims from 10 to 0-1 per month.
- Provided support in the industrialization of new technologies, including Solar Plus™ and 360° Plus™, for new products such as LUCID, ZOOX, RIVIAN, and CANOO.
- Managed official documentation, including PFMEA and control plans, throughout the series production phase.
- Developed quality engineering tools such as acceptance criteria standards, defect catalogs, product audits, and others.

AGP Peru

(January 2021 - July 2021)

Quality Engineer sGlass

- Process Team Leader and Engineer for the final inspection operation, supervising a team of 12 inspectors.
- Managed KPIs for the final inspection area, focusing on productivity and quality performance.
- Oversaw and analyzed official customer claims for sGlass Peru, ensuring timely resolution and continuous improvement.
- Led and supported the quality audit process in the sGlass production line, organizing analysis meetings and coordinating a team of 4 auditors.

AWARDS

Universidad de Piura

Bachelor scholarship

- Partial scholarship for my bachelor studies during my five years of studies. (2014_2019)

Contact

- 📍 Malvinas väg 14, Stockholm
- ✉️ caipo.xiomara@gmail.com
- ☎️ +46 769360795
- 👤 <https://www.linkedin.com/in/xiomaracd/>

Education

MSC INTEGRATED PRODUCT DESIGN.

- KTH Royal Institute of technology
- 2024 - 2026

LEAN SIX SIGMA GREEN BELT CERTIFICATION (DIPLOMA)

- Institute for Quality PUCP
- 2021-2022

BS IN INDUSTRIAL AND SYSTEM ENGINEERING

- Universidad de Piura
- 2015-2019

SKILLS

- APQP, PPAP, Control Plan, PFMEA, 8D, IATF, ISO 9001
- Computer Skills: Excel (Advanced), Power Bi (Medium), Minitab (Medium), SAP, user.
- Language Skills: Spanish (Native) and English (Professional)
- Soft skills: effective communication, teamwork, problem solving.

REFERENCES

Juan Carlos Casas

- NMI Manager
- AGP Peru
- jcasas@agpglass.com
- +51 975 749 411

Chuanchuan Zhou

- Program Manager
- AGP eGlass
- Zhoucc3301@gmail.com