

Ployphet Veerasak

Process engineer/ Process development engineer

Work experiences

Process engineer

Oct'21 – Present

at Le Creuset Manufacturing (Thailand)

- Control product quality and machine performance by quality tools (SPC, OCAP, OEE, FMEA) for high pressure injection mold casting process.
- Create WI/Product sheet/Control process, and document support production according to ISO 9001 standard.
- Control process flow, cycle time, and line balancing.
- Implement DOE technic to analyze and solve defects and problems, also prepare RCA guideline and CAPA to support production.
- Involved in new product design project and new product validation (validation report, EOQ, tooling and support, control process).
- Responsible for new machine commissioning and continuous improvement project (defect, line balancing, and cost saving project).
- Report progress of improvement project to MD and C-level.

Process engineer (intern)

Nov'19 – Mar'20

at KEC (Thailand)

- Improvement project of solving improper wet solder on lead frame in the die bonding process.
- Analyze die bonding process defect type and root cause analysis with scientific methods (AFM, SEM&EDS).

Skills

Personal skills

- Clay products / Semiconductor / Cements.
- High pressure injection mold casting process / Die and wire bonding process.
- Process design and analysis.
- DOE, OEE, SPC, Statistic analysis, Process control, and Optimization.
- Process capability and line balancing.
- Data analysis and presentation (Python, Power BI, Excel, and Rapid Miner).
- Team collaboration and Time management.
- Critical-thinking and Problem-solving.

Software skills

- MS Office
- Power BI
- Python programming
- Rapid Miner
- Minitab18
- Lingo
- Flex sim
- SolidWorks
- AutoCAD
- Sketchup

Achievements

- Project leader of defect improvement team.
- Consult in the line balancing and inventory improvement team project.
- Representative of international engineering design challenge (Winner in the team challenge in the topic of "Design thinking").
- Outstanding student in Materials Science and Engineering.

Educations

Master's degree of Industrial Engineering (GPA 3.71)

at Chiang Mai University

- Optimize ceramic drying parameter project.

Bachelor's degree of Materials Science (GPA 3.76)

at Chiang Mai University


- Plasma etching improvement project.
- Cements strength improvement project.




Personal information

 19 July 1997

 Ployphet.veerasak@gmail.com

 063-7954979

 275/150 moo 4, San Pak Waan, Hang Dong, Chiang Mai, 50230

About me


I have experienced in process validation, and technical analysis. As a graduated of Materials Science bachelor's degree, Industrial Engineering master's degree, and 2 years experienced in the process engineer position and continuous improvement project leader, I'm excellent at working as a team, strong SPC, DOE, and validation skills, good communication and team collaboration, able to work flexibly and adapt my knowledges and experiences to achieve the company targets.

Languages

Thai

 Native speaker

English

 Very good command (TOEIC 700)

Habits



Cooking



Traveling



Running