



# SARUDA RONGRATANACHOTE

## CONTACT

- 📞 09-3565-6611
- ✉ Saruda.cer@gmail.com
- 🏠 Laksi, BKK, Thailand

## EDUCATION

### Bachelor's Degree

Ceramic Engineering,  
Suranaree University of  
Technology  
(2014–2017)

## SKILLS

- Quality Assurance (QA)
- Statistical Process Control (SPC)
- Corrective and Preventive Actions (CAPA)
- QC 7 Tools
- Minitab / Microsoft Excel
- Process Engineering
- Root Cause Analysis (RCA)
- Failure Analysis / Defect Classification
- Measurement Systems Analysis (MSA)
- 8D report

## OTHER

## TRAINING &

## CERTIFICATIONS

- APQP (Advanced Product Quality Planning)
- FMEA (Failure Mode and Effects Analysis)
- DCS (Document Control System)

## LANGUAGE

- Thai (Native)
- English (Intermediate)

## PROFESSIONAL OVERVIEW

Detail-oriented engineer with QA and process control experience in high-tech manufacturing. Skilled in root cause analysis, corrective actions, and continuous improvement. Data-driven, adaptable, and focused on quality.

## WORK EXPERIENCE

### Senior Quality Engineer

NXP Semiconductors

2024- Present

- Monitor and control in-process quality performance across assembly lines to ensure compliance with customer and internal standards.
- Lead investigations of in-line defects, coordinate cross-functional teams for root cause analysis, and implement corrective/preventive actions (CAPA).
- Use SPC tools and statistical analysis (e.g., Cp/Cpk, trend charts) to identify process drift and drive continuous improvement initiatives.

### Quality Engineer

Toshiba Hokuto Device

2021- 2023

- Managed inspection and qualification of incoming raw materials and components to ensure supplier quality compliance.
- Maintained inspection standards, sampling plans (AQL), and IQC documentation under ISO/IATF systems.
- Reduced material-related defects by optimizing inspection processes and enhancing supplier communication.

### Process Engineer

Magnecomp precision Technology

2018- 2021

- Supported production processes for hard disk drive components, focusing on process stability, defect reduction, and yield improvement.
- Conducted time studies, EER (Engineering Evaluation Reports), and root cause analysis for process deviations.
- Implemented engineering changes activities.

### Quality System Engineer

TS TECH

2017

- Managed and maintained the quality management system to ensure compliance with established standards and procedures, including documentation control and monitoring of operational adherence.