

# Driving decarbonization and digitalization. Together.



## Senior Staff Engineer Cleanroom Engineering

### Job description

Govern overall Infineon Melaka cleanroom engineering strategy, framework, enablers and projects covering cleanroom environment control and cleanroom behaviour.

In your new role you will:

- Build adequate contamination control learning program & provide educational trainings to respective employees, contractors & visitors on CR protocols and behaviour guideline.
- Perform regular enforcement to ensure effectiveness of production cleanroom protocol implementation
- Responsible to investigate and provide action item with cooperation from FM team for any possible abnormality occurs to cleanroom environment related to particle count and humidity reading.
- Perform regular enforcement audit to ensure effectiveness of production cleanroom protocol implementation and verification of work done by general cleaners/FM on cleanroom related matter.
- Lead all related activities and improvement project on CR environment and procedure controls/standardization with relevant partnership from internal and external stakeholders. (eg: FM, engineering or operation)
- Supervise on the cleanroom equipment move in buy off process and approve all equipment move in buy off according to stipulated guideline.
- Monitor, track and publish all CR violation on timely basis and work on gap closure with respective parties.
- Manage ESD control activity includes periodic ESD checking, cascade ESD training program and sampling audit for overall Melaka operation building.
  - Take ownership and govern systematic of relevant CR environment and ESD control protocols. Responsible to update relevant documentation related to it.
  - Cleanroom customer audit requirement and preparation.
- As a Subject Matter Expert (SME) on ESD and CR related topic and perform regular review with relevant stakeholder for updates and feedback.
  - Perform regular enforcement to ensure effectiveness of production cleanroom protocol implementation.
  - Release of cleanroom and EPA area after new equipment move in/CR re-built or new building area setup
  - Supervise and approve all related equipment wipe down activities prior to move-in to final position inside the CR.

### At a glance

Location:

Job ID: **HRC0805248**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0805248**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



- Drives 5S compliance on cleanroom dust and particle controls with respective area owners.
- ESD control & management.

## Profile

You are best equipped for this task if you have:

- Degree/Masters in relevant engineering/manufacturing functions
- Minimum 8 years experience working in semiconductor industry
- Experience in audit management and reporting
- Experience in leading/supervise team/subordinates
- Project Management Skills with ability to lead improvement projects
- Cleanroom engineering, practice and control
- Project Management Skills with ability to lead improvement projects
- Analytical and Problem Solving Skills
- Leadership skills with ability to lead/supervise and develop team

## Benefits

- **Melaka:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Exempt working hours are flexible within core hours (9am-12pm & 2pm- 5.15pm); Home office options for certain tasks or due to personal circumstances. Applicable to exempt employees working on office hours only; Part-time work possible for exempt employees only; Exempt staff could apply up to 3-month sabbatical leave, subject to business situation; Medical coverage; In-house clinic operates 24 hours, doctor consultation possible from 9am to 5pm; Health promotion programs; Social Recreation Center with facilities, such as gym room, squash, badminton and netball court, zumba and yoga classes, etc.; On-site Cafeteria; Paid sick leave according to law; Additional 3% to Employee Provident Fund after 10 years service with Infineon Malacca; Re-employment opportunities; Productivity incentive bonus; Bus service for shift employees ; Allocated carpark for disabled and pregnant employees

## Why Us

### **Driving decarbonization and digitalization. Together.**

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

### **We are on a journey to create the best Infineon for everyone.**

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

