



Staff Engineer Unit Process Engineering Wire Bond

Job description

Develop, continuously improve, and maintain fully characterized & well-documented unit processes for all IFX technologies according to the requirements as derived from the annual road-mapping cycle based on requirement input from all business divisions.

In your new role you will:

- Responsible to develop a robust process and continuously drive improvement in yield and quality to meet KPI
- Wire Bond experts, responsible to achieve robustly and auto-pilot processes
- Sustains and continuously improves qualified technologies in volume production with regards to stability, quality, productivity, and yield.
- Supports the development of new technologies and ensures smooth take-over into volume production and integration into the manufacturing environment.
- Accountable and drive for 8D closure of FAR, MRB, DDM, and SCAR.
- Leading and participating in yield & quality improvement and cost reduction activities.
- As a technical expert in new material, process, and method qualification.
- Provide technical consultation and guidance team to ensure team success in daily tasks and projects

Profile

You are best equipped for this task if you have:

- Bachelor's degree in Mechanical/ Electrical / Electronics / Microelectronics / Mechatronics / Materials Science / Semiconductor Technology
- **More than 5 years related experience in Front Of Line Process Engineering** or in Semiconductor Assembly Manufacturing background.
- Statistical data analysis, analytical and problem-solving skills.
- Ability to anticipate issues and challenges and resolving them quickly
- Possess knowledge and skills in manufacturing process & some equipment knowledge.
- Systematic Problem-Solving methodology e.g. 8D, DMAIC, Process Mapping, FTA, Fish Bond
- Good knowledge and skills in production area; able to communicate with different level of staffs
- First level reliability (Knowledge of various failure modes, knowledge of application and respective reliability requirements and test standards)

At a glance

Location: **Melaka**
Job ID: **319557**
Start date: **immediately**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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- Practice high-performance behavior and together work as a team to strive for excellence.

