



Function description

Function name Process Support Engineer

Goals of the function Support the PLD process development and managing the in-house lab facilities and PLD process equipment. Provides input & technical expertise on process improvement plans as well as analysis of the results. Responsible for clear documentation of the achieved results.

Description of work

Solmates is a high-end OEM equipment supplier for the MEMS / LED / Semiconductor market. To enable continuous growth the Process Support engineer is part of team running the in-house lab facilities and PLD deposition equipment.

The Process Support engineer plays a crucial role in the overall realization of these goals in various development projects as well as enabling flawless executing of customer demos.

Main tasks for a Process Support Engineer:

- Operation of Solmates in-house deposition equipment
- Coordinates planning of the PLD systems
- Responsible for first time right customer demo wafer processing
- Responsible for process qualification of test and demo wafers
- Able to operate all required metrology / analysis equipment to determine the quality
- Gives asked and un-asked input on process performance
- Generates written procedures of all critical activities
- Provides input for system improvements (stability & process control)
- Measures & documents hardware characteristics of the system
- When applicable is able to travel to customers worldwide for on-site process qualification

Other interests

As Solmates is a young dynamic company, multi-tasking and clear planning is vital. All personnel should understand what their core role is and where to support others.

Within Solmates there are no predefined guidelines, self-managing and self-motivation are two key required competencies.

Required educational level Bachelor or Masters Degree in the field of Electrical, Physical or Chemical engineering

Required experience Working in cleanroom environment
Experience with Semiconductor/deposition equipment