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Job Description: Jordan Valley South Korea Application Engineer Expert

The JV South Korea Application Engineer expert will take responsibility over the following major activities and report to the Local Application Manager:

The position includes:

- Application support of the metrology equipment installed in semiconductors production lines (FAB)

The application support includes:

1. Support customers by providing methodology solutions based on JV technologies (“applications development”)
2. Perform application acceptance of the new tools
3. Work with customers to increase tools utilization and expand applications portfolio
4. Look for perspective applications and other opportunities to expand the install base
5. Other marketing and technical sales activities onsite
6. If needed perform high level troubleshooting and diagnostics of the tools’ problems (system and algorithms level troubleshooting)

Skills:

§ Professional skills

- Degree in Materials Engineering or Physics (B.Sc. Minimum, M.Sc. is sufficient, *PhD - bonus*)
- Good knowledge in Materials engineering basics (thermodynamics, kinetics, diffusion, basic crystallography etc). *Knowledge of the processes in microelectronics - bonus*
- Acquaintance with materials characterization techniques (preferably hands-on work and results analysis). *Experience in matching and mis-match analysis of the different techniques - bonus. Experience in XRF and classical XRR - bonus, XRD or HRXRD - bonus*
- Good knowledge in statistics and data analysis. *Experience in metrology - bonus*
- Fluent English and experience in technical writing

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§ **Personal skills**

- Good communication skills, good reporting skills
- Self-organization, self-discipline. Ability to work alone and in the team; creativity. *Experience in working in industry environment - bonus. Experience in problem troubleshooting in industry - bonus*
- Serviceability, ability to manage customer expectations. *Experience in working with customers from different cultures and mentality - bonus*

§ **Location:** South Korea, Suwon-city

§ **Working mode** – Standard work week with extended hours and on-call availability.

§ **Recruitment Schedule:** Immediate

§ **Training:** 6-8 weeks session in Israel immediately after recruitment and periodical updates