**Applied Materials**

**Santa Clara, CA**

**RF Engineer**

**Key Responsibilities:**

* Execute engineering projects related to RF and plasma, including development of key suppliers
* Problem identification and troubleshooting a wide range of complex RF/plasma problems with limited to no supervision
* Interfaces with internal and external customers regarding complex issues and their solutions for specific projects
* Generate product specifications with limited to no supervision
* Specify and/or perform engineering analysis of complex scope
* Define, coordinate, perform and generate engineering solutions, tests and reports
* Work in fast-pacing environment, with travel to customer sites in Asia as needed

**Key Attributes:**

* Must know at least fundamentals of plasma processing and plasma-source technologies
* Plasma diagnostics experience and/or knowledge/experience in EM and plasma simulations is a plus.
* Experience with RF power delivery systems, includes RF matching networks, RF filter designs, and RF generators is a plus.
* Understanding of RF matching and RF measurements, comfortable with use of test equipment like network/spectrum analyzers and RF power meters
* Analytical thinking with problem solving skills – able to identify, characterize, and solve complex plasma system problems.
* Ability to generate new design concepts and quickly implement them, work alone or within small engineering team.
* Quickly acquire new skills, willing to start new technologies or testing methods, and generate new IP
* Communicate well across diverse teams of process engineers, mechanical designers, software and electrical engineers, technicians, and suppliers
* Bachelor's, Master’s or Ph.D. Degree in EE or Physics.
* Travel: 20% International

Please send your resume to Joy Erf at:

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