



JOB CODE: PEEML20

JOB TITLE: Production Equipment Engineer-Module Line

LOCATION(S): 8303 S. New Braunfels Avenue, San Antonio, TX 78235

JOB DESCRIPTION:

Responsible for working on solar module production line equipment design, performance improvement modifications, mechanical and electrical integration, product handling systems, and overall cost of ownership reduction programs in accordance with company and factory policies and procedures. Responsible for installation, testing, qualification and release of production line module equipment. Drive equipment ownership improvement methodologies and projects for equipment. Interface with equipment suppliers to development equipment improvement strategies or methodologies. Maintain equipment or line improvement roadmaps to meet product or process technology requirements. Maintain current records on equipment manufacturers' technical notices, upgrades and safety issues. Develop and design modifications or enhancements to eliminate equipment or process induced scrap or equipment related product quality issues. Work in conjunction with technology and process groups to identify opportunities for product materials and manufacturing support materials usage and cost reduction. Define and develop equipment consumables, spares and related manufacturing support item sources, 2nd sources and source quality levels required for high performance, low cost operation. Evaluate equipment, equipment subcomponent and equipment support material suppliers to ensure best solutions and partners selected for all production and production support. Work with production, product technology and facility departments to plan and develop systems or procedures to improve the operating quality and efficiency equipment in the production line. Define and develop equipment configurations, layouts, sizing or other requirements to support product or technology requirements, enhancement or specifications. Responsible for external equipment or equipment-related materials testing and/or selections. Define equipment component or equipment sub-system performance requirements or specifications. Write equipment design and performance specifications for new equipment testing or purchases. Provide hand-on technical and maintenance support. Ensure performance levels achieved from all production line equipment in support of production lines running on 7 day X 24 hour operation to meet or exceed all safety, output, yield and customer delivery, costs and production quality/reliability targets.

MINIMUM REQUIREMENTS:

Bachelor's degree in Industrial, Mechanical, Chemical, Electrical, Materials, Manufacturing Engineering or related field+ 3 years of experience in high volume, complex, solar (or similar technology) manufacturing; and in semiconductor manufacturing processes/procedures and associated machinery.

Apply by sending resume to icazares@missionsolar.com. Must put job code PEEML20 on resume.