

--HUMAN RESOURCES REPRESENTATIVE TO COMPLETE THIS SECTION--				
POSITION TITLE:	Associate Automation Engineer			
GLOBAL BENCHMARK JOB TITLE:	Associate Engineer			
JOB CODE:	Assoc. Engineer (57975)	BAND:		MRP:
REPORTS TO POSITION:	Electrical Engineering Manager		USA	USA
BONUS TARGET (%):	N/A		BONUS PLAN:	-

Position Summary

With direct supervision, plan and perform engineering, design, and other technical/administrative tasks involved in the concept, development, construction and installation of equipment and processes.

Essential Functions

- Participates as a member of a cross-functional project team
- Assists in development of control systems for prototype, pilot lines, new and existing production equipment
- Performs the required sizing calculation for power, heat dissipation, wire sizing, fusing
- Performs the required calculations for network layout and traffic analysis
- Assists/Constructs electrical schematic packages by laying out I/O, designing magnetic circuits, fusing, control panels, bill of materials and cable layouts
- Assists/Conducts building and installation of control system and devices
- Assists/Conducts research on equipment or process as required
- Assists/Performs commissioning and debugging for basic to intermediate machine applications
- Provides technical support to global RD&E and Manufacturing to ensure uninterrupted operations
- Publish and maintain engineering documentation

Required Skills and Experience

- Bachelor's Degree in Electrical Engineering
- Basic EE fundamentals
- Basic skills in engineering computer software and programming
- Basic mechanical/electrical aptitude
- Basic troubleshooting capabilities
- Good technical writing skills ability
- MS Office proficiency

Working Relationships

- Reports to Manager, Electrical Engineering
- Key relationships internally will include Quality Engineering and Manufacturing

Work Environment

- Limited travel
- No extraordinary physical requirements
- Work schedule – actual office hours
- Requires wearing safety glasses and hearing protection in the manufacturing facility

Internal Positioning

PEER POSITIONS:	Associate Scientist
FEEDER POSITIONS:	
ADVANCEMENT POSITIONS:	Engineer

COMPILED BY:	E. Takesue	DATE:	6/10/15
TM APPROVER		DATE:	
HRBP APPROVER:	M. Takacs	DATE:	

--US SPECIFIC DATA--			
FLSA STATUS (US ONLY):		Exempt	
EEO MONITORING			
EEO JOB CODE- LOCATION	CATEGORY	GOAL	% REP.
	Minorities		
	Females		

Environmental, Health and Safety Responsibilities:

- Be aware of and follow the Environmental Policy and EH&S work instructions/procedures that apply to the job.
- Performing every job safely, for the benefit of self, co-workers, contractors, and for the protection of facilities. This includes the use of required personal protective equipment and use of safety equipment/devices, guarding, as well as safe work practices.
- Immediately reporting every job related injury or illness, regardless of severity, to a team leader/supervisor
- Assist in investigating incidents as directed by your supervisor
- Taking necessary actions to correct or stop unsafe conditions or practices.
- Actively participation in safety meeting and training
- Reviewing and becoming familiar with the contents of the SHARP manual
- Review MSDS instructions before working with any chemical product.

Quality Responsibilities:

- Colleagues are responsible for their own quality and that of colleagues within their span of control.
- Colleagues are responsible to follow all established Quality procedures and instructions.
- Notify supervision for corrective action if and when defects are found and/or parts/processes do not conform to specifications.

Supplementary Information:

- This description is based on management's assessment of the requirements and functions of the job as of the date this description was prepared. It is a general guideline for managers and employees, but it does not purport to be an exhaustive list of all the elements of the job. Management reserves the right to modify and description at any time, or to vary the duties and responsibilities of the job on a temporary or indefinite basis to meet the production, scheduling, or staffing needs.