

ASPECT AUTOMATION Position Description

Position Title: Associate Design Engineer
Department: Engineering
Reports To: Mechanical Engineering Manager
Date: June 2021

Primary Objective of Position

With supervision and guidance, develops designs and layouts from preliminary concepts through the application of design and engineering principles. Occasionally applies advanced techniques to support complex designs and schedules.

Major Areas of Accountability

1. Design

- Effectively design custom equipment by applying engineering skills and experience. This is accomplished by utilizing engineering calculations and tools, sizing and selection of motive components, material and finishing selections and the application of manufacturing practices per Aspect Automation standards.

2. Leadership

- Works to understand and effectively communicate project goals, requirements and results to team members and management as needed.

Essential Qualifications

- A bachelor's degree in mechanical engineering or related field
- Work, co-op or intern experience related to machine design, engineering calculations and documentation
- Demonstrated effective interpersonal and communication skills
- CAD proficient – SolidWorks preferred
- Knowledge of machining processes and materials

ADA Requirements

- Typically sits, grasps items and performs keyboarding for frequent operation of a computer
- Stand, walk, bend, reach or otherwise move about occasionally
- Lift, move or otherwise transfer items up to 30 lbs. occasionally
- Occasional exposure to typical machine shop physical hazards
- Travel by air or car occasionally