|  |  |
| --- | --- |
| **Role Title** | Design Engineer |
| **Function:** | Engineering |
| **Location:** | Americas |
| **Role Reports to:** | Engineering Manager |
| **Role Matrix Reports to:** |  |

|  |
| --- |
| **Role Purpose:**  General Responsibilities for this position will be to perform routine product engineering work and to assist in handling engineering projects. Routine work will involve the preparation and presentation of drawings, sketches, layouts and associated engineering specification. The individual will interact with other departments as needed to complete the assigned projects. The individual is expected to work with customers and vendors in the development of designs, prototypes and problem solving activities. |

|  |
| --- |
| **Key Responsibilities:**   * Completes product design as assigned, this includes the production of CAD drawings, initiation of BOM’s, review of customer specifications and data entry into the manufacturing system * Perform engineering calculations as needed * Prepare and conduct engineering tests as needed * Initiate, issue and revise engineering specifications * Provide technical assistance to the manufacturing organization * Provide application approvals * Provide technical support to customers regarding current and new designs * Regular and predictable attendance * Performs other related duties as assigned |

|  |
| --- |
| **Qualifications, Skills and Experience:**   * Bachelor’s Degree in Mechanical Engineering, Engineering Technology, or equivalent from a four year college * Prior mechanical or industrial engineering experience a plus but not required * Working knowledge of Engineering 2D and 3D design software such as AUTOCAD, SolidWorks, Creo, or Inventor * Ability proficiently work with MS Word, Excel, PowerPoint, as well as Adobe Acrobat, and other company software as required * Ability to work in a continuous improvement culture and take ownership in improvement ideas * Ability to effectively present information in written and oral form using various methods * Ability to work on products independently |

|  |  |
| --- | --- |
| **Key internal relationships:** | Product Engineering Manager, Engineering Team, Draftsmen, Operations |
| **Key external relationships:** | Customers, Vendors |
| **Number of direct reports:** |  |
| **Number of indirect reports:** |  |
| **Leadership Success Profile:** | Team Member |

|  |
| --- |
| **Additional Information:**  **Physical Demands:** The physical demands described here are representative of those that must be met by an employee in order to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions   * While performing the duties of this job, the employee is regularly required to sit, stand, walk, talk, and hear. * Specific vision abilities required by this job include close vision, colour vision, and the ability to adjust focus * May occasionally be required to lift or move objects of up to 50 pounds   **Work environment:** The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The noise level in this environment is usually moderate.   * The position is office based, but requiring a substantial amount of time on the shop of a traditional engineering facility. This facility includes such processes as: presses, metal forming machines, welding, painting, and warehousing and materials movement equipment |

|  |  |
| --- | --- |
| **Recruitment Team:** | HR Manager, Role Report To, Role Matrix Report To |