



JOB NUMBER: BE-19-07

JOB TITLE: Senior CAD Designer

Status: Full Time – Hourly

Office Location: Nunica, MI

Baker Engineering, LLC (BE) designs and develops high tech, high performance technologies for a variety of applications including custom engines, engine components, power systems and the production of parts and mechanical assemblies. BE is a division of Waséyabek Development Company, LLC that is wholly owned by the Nottawaseppi Huron Band of the Potawatomi, a Federally recognized Indian Tribe.

DUTIES AND RESPONSIBILITIES

- Create CAD layouts, component drawings, assembly drawings, sketches and diagrams.
- File & distribute CAD models and hard copy drawings; and maintain changes within CAD system database
- Lead component design project from concept to detailed drawings
- Tracks and reports design project activity against cost and schedule targets
- Collaborate with internal manufacturing and outside suppliers to optimize component designs, produce prototype parts and transition to production
- Derive component specifications by performing routine calculations, benchmarking and researching engineering standards
- Organize and lead a component design review to demonstrate projected capability against objectives
- Generate design information for technical presentations and reports
- Complete other technical activities, as assigned

REQUIRED QUALIFICATIONS

- Associate degree in Applied Science, Industrial Technology or comparable field of study
- Minimum seven (7) years of experience in roles involving mechanical design, engineering and project management
- Proficient using Creo CAD software as evidenced by at least 5000 hours of professional experience
- Formally trained in and user level knowledge of ASME Y14.5 standard for geometrical dimensioning and tolerancing
- Excellent written and verbal communication skills
- Ability to pass a background investigation, including but not limited to nationwide criminal record search, and other relevant background information deemed necessary by BE
- Proficient using standard desktop office software (typical Microsoft Office suite)
- US Citizenship (ITAR and EAR compliance)



PREFERRED QUALIFICATIONS

- User level knowledge of ASME 14.100 engineering drawing standards
- Experience using design analysis software tools
- Hands-on experience with combustion engines and/or propulsion equipment
- Passion for work involving engines and propulsion equipment

PHYSICAL REQUIREMENTS

Ability to focus on computer screens for extensive periods of time. The employee is occasionally required to stand and reach. The employee must occasionally lift and/or move up to 25 pounds. Tolerance to infrequent exposure to loud noise including engine tests and machining equipment.

WORK ENVIRONMENT

This position operates in a professional office environment. This role routinely uses standard office equipment such as computers, phones, photocopiers, and teleconference equipment.

TRAVEL

This position may require travel up to 5% of the time.

POSITION TYPE

This is a full-time non-exempt position.

RELOCATION

Relocation expenses are not provided.

HIRING PREFERENCE

Veteran Hiring & Native American Preferences will be applied in accordance with BE policy.

Baker Engineering is committed to hiring and retaining a diverse workforce. We are proud to be an Equal Opportunity making decisions without regard to race, color, religion, creed, sex, sexual orientation, gender identity, marital status, national origin, age, veteran status, disability, or any other protected class.

Competitive salary and company-paid benefits are available to the right candidate.

Visit www.bakerengineeringmfg.com for more information.

Email cover letter and resume to hr@waseyabek.com