



FELLING TRAILERS, INC.

POSITION DESCRIPTION

Job Title: Engineer

Pay Level:

Exemption Status: Exempt

Department: Engineering

Authorization: _____

Date: July 9, 2015

JOB SPECIFICATIONS

FACTOR

LEVEL

Education:

Bachelor's Degree

Related Experience:

None

Supervision Given:

None

Supervision Received:

Engineering Manager

Job Summary:

The Engineer is responsible for applying engineering principles and practices in the design and redesign of Felling Trailers.

Essential Specific Job Duties:

1. Keeps abreast of changes, developments and new products in his/her area of responsibility and advises management of potential applicability.
2. Conducts special studies and analysis in his/her area of responsibility as directed.
3. Reviews sales orders, sketches, specifications and related data and obtains any other necessary information or data for engineering projects.
4. Manages multiple engineering projects and prioritizes work to assure the attainment of deadlines.
5. Creates new trailer and component designs utilizing computer assisted design/drafting equipment and software.
6. Refines existing designs to meet customers' specifications.

Essential Specific Job Duties (Continued):

7. Performs all necessary calculations such as stress analysis, performance analysis, hydraulics, etc.
8. Reviews/approves the work of assigned Drafters/Designers and assists with their inquiries.
9. Reviews designs/drawings and releases to production when in compliance with engineering principles, Felling standards, customer requirements and related specifications.
10. Interacts with production, sales, and quality assurance personnel to solve manufacturing/design issues and refinements.
11. Keeps management informed of progress on engineering projects, work status, work load, problems, etc.
12. Maintains a working knowledge of lighting and braking standards to assure compliance with applicable standards.
13. Participates in the design and maintenance of Felling engineering and drafting standards.
14. Works with suppliers as needed to analyze their products for use with Felling Trailers.
15. Accompanies sales personnel on customer calls as needed.
16. Participates in the testing of trailer capacities as needed.
17. Works on projects of moderate complexity.
18. Works with close supervision from Senior Engineer/Engineering Manager

Essential Universal Job Duties:

19. Improves self in any way possible to enhance job performance.
20. Promotes **Felling Trailers, Inc.**, its mission, values, programs and achievements to the public and other employees.
21. Identifies organizational problems and opportunities for improvement and brings solutions and suggestions to management's attention.
22. Functions as a team member by assisting, supporting and encouraging other employees in any way possible

Non-Essential Job Duties:

23. Performs related work as required, willingly and eagerly.

Physical Demands: The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Descriptive factors are defined and abbreviated as follows:

- N/A – Not applicable
- O – Performed occasionally 20 –50%
- EF – Essential function: Essential job functions are defined as those responsibilities that are required to be done by the job.
- S – Seldom performed 1-20%
- R – Performed regularly 50 – 100%

Physical Demands	N/A	S	O	R	EF	Working Conditions	N/A	S	O	R	EF
Standing		X				Extreme Heat 80 > degrees	X				
Sitting				X	X	Temperature Changes	X				
Lifting 0 – 30 lbs.		X				Noise > 80 decibels	X				
Lifting 30 – 50 lbs.	X					Vibration	X				
Lifting 50+ lbs.	X					Heights	X				
Carrying 0-30 lbs.		X				Work Outdoors	X				
Carrying 30-50 lbs.	X					Work with People				X	X
Carrying 50+ lbs.	X					Work around People				X	X
Pushing		X			X	Work alone			X		X
Pulling		X			X	Substance Exposure	N/A	S	O	R	EF
Grips/Grasps		X			X	Acids, Corrosives	X				
Finger Movement				X	X	Epoxies	X				
Reaching/Stretching		X				Dust		X			
Walking		X				Fumes	X				
Climbing	X					Mists	X				
Running	X					Gases	X				
Jumping	X					Chemicals	X				
Rapid Work Speed			X		X	Body Fluids	X				
Bending		X				Equipment	N/A	S	O	R	EF
Speaking Clearly				X	X	Motor Vehicles	X				
Hearing Conversation				X	X	Hand Tools	X				
Hearing High Acuity	X					Machinery	X				
Seeing – Near				X	X	Machine Tools	X				
Seeing - Far		X				Lifts	X				
Depth Perception	X					AV Equipment		X			X
Color Perception		X				Personal Computer				X	X
Typing/keyboarding				X	X	Office Machines			X		X
Writing				X	X	Protective Clothing	N/A	S	O	R	EF
Filing			X		X	Facial Covering	X				
						Latex/Vinyl Gloves	X				
						Safety Glasses		X			X