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Employer Fill-in Form *(Employee fill-in otherside)*

HPBA Job Bank

Job Title: Design Engineer 1	
Company: Hearth & Home Technologies	
Location: 1445 N Highway, Colville, WA 99114	
Job Start/End Date:	Job Classification: Full Time
Hours/Week: 40	Salary Range/Hourly Rate:
Education:	
Required Degree/Formal Training:	
Required Licenses/Certificates:	
Experience:	
Company email: quadcareers@hearthnhome.com	Company website: hnicareers.com
Company Contact: Cheri Carrigan	Company phone: () - Company fax: () -
Additional Information: See attached job description	

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Please fax or email to:
(703) 522-0548 iglowacki@hpba.org

Job Description

Job Title: Design Engineer I
Reports To: Senior Project Engineer Team Lead
FLSA Status: Exempt
Date: January 25, 2010

Purpose Statement

To support the goals and vision of Hearth & Home Technologies by creating, designing, and improving wood, gas, and pellet stove appliances utilizing skills in CAD for developing prints to communicate with Engineering, Procurement, and Marketing the details of the product.

Essential Functions

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Develop and design new technology, fabrication methods, and assembly methods
- Create innovative designs of new projects complete with bill of materials
- Manage a smooth transfer from R&D to production
- Apply New Product Launch Procedure Manual practices
- Follow-up on ECO's (Engineering Change Orders)

Experience

- Highly skilled and experienced in Pro-Engineer software
- Thorough understanding and practice using top-down design
- Required Pro-Engineer surface experience
- Excellent analytical, mathematical, and mechanical skills
- Excellent project coordination and organizational abilities
- Must use discretion and independent judgment
- Must be creative and inventive
- Self-motivated, self-starter
- Ability to work with minimal supervision
- Must have team concept commitment and work closely with all departments
- Working knowledge of MS Excel, MS Word, Intralink, MS Project, and Flow/Thermal/Stress Analysis software
- Have worked with and designed parts using sheet metal, cast iron, and plastics.

Education

- Minimum BS degree or two-year degree with BS equivalent employment experience.

Job Demands and Conditions Analysis

Designer I

O = Occasional, less than 1 time per week

F = Frequent, from 1/3 to 2/3rds of the time

S = Some, less than 1/3 of the time

C = Consistent, more than 2/3rds of the time

Blank = not required

PHYSICAL REQUIREMENTS	O	S	F	C	ENVIRONMENTAL REQUIREMENTS	O	S	F	C
Sitting			X		Works alone			X	
Standing		X			Works with others		X		
Walking		X			Customers contact	X			
Lifting	X				Shift work			X	
Carrying	X				Extended day		X		
Pushing					Cold				
Bending at waist	X				Heat				
Twisting upper body					Temperature changes				
Climbing					Wet				
Balancing					Humid				
Kneeling					Noise				
Crouching					Confined area				
Crawling					High places				
Reaching					Work outdoors				
Working with hands		X			Work indoors			X	
Working with fingers			X		Mechanical hazards				
Talking		X			Electrical hazards				
Hearing		X			Explosive materials				
Vision acuity - near			X		Fumes				
Vision acuity - far		X			Odors	X			
Depth perception			X		Dusts				
Field of vision		X			Mists				
Color vision			X		Gases	X			
Driving	X				Poor ventilation				
Other					Other				
EQUIPMENT OPERATION					HAZARDOUS SUBSTANCES				
Driving cars/ light trucks	X				Work with solvents				
Driving heavy trucks/ vans					Work with acids, corrosives				
Using keyboard & mouse			X		Work with epoxies				
Operating forklifts, stackers					Paint				
Operating machine tools					Other				
Operating power hand tools	X								
Operating Torch									
OTHER									
Travel	X								
Variable Schedule		X							

I reviewed the job description for the _____ position on _____ and acknowledge that I _____
(job title) (date)

am able to fulfill the requirements of performing the essential duties of the job. The following accommodations were discussed: None or _____

(restrictions, if any)

(signature)