



# Job Posting: 3D Drafter

## Job Summary ...

Cleaver-Brooks is a wonderful and innovative company who appreciates the hard work our employees put forth every day. We are searching for someone to join our team as a **3D Drafter** and are specifically looking for someone who has had previous experience in this field. You will create models and mechanical drawings for boiler system layouts from written specification and verbal instructions from product engineers, and collaborate with drafting leads on boiler system layout. . If you feel you possess the capabilities for this position, then take the first steps to becoming part of our team by applying online!

## Essential Functions ...

- Proficiency with AutoCAD Inventor and/or Plant 3D. Solidworks, SmartPlant®, or similar is acceptable.
- Generates/prepares new standards. Identify/implement needed changes to standards.
- Makes mathematics computations using standard formulas/calculates dimensions, allowances and technical specifications.
- Must possess high level of accuracy to detail.
- Recognizes needs for and performs simple computer design customizations.
- Must possess thorough and relevant product knowledge.
- Must have strong communication skills, both written and verbal.
- Prepares the project drawings and documentation for good Engineering practices, company standards, and customer specifications.
- Evaluates design changes, specifications, and drawing releases.
- Demonstrates enthusiastic, cooperative, and positive behavior.
- Maintain a favorable working relationship with all employees to foster & promote a cooperative & harmonious working climate.
- Perform all duties and responsibilities in a timely and effective manner in accordance with established policies to achieve overall objectives of this position.
- Apply intellect, creativity, adaptability, judgment, and management skills to achieve required results.
- Ensure duties and company projects are accomplished in an efficient and cost effective manner.
- Support peers and management with internal and external projects; adhere to company policies.
- Other duties as assigned.

## Do You Qualify ... Education ...

- 2 – 3 year Degree/Certificate in Technical field preferred: Mechanical Drafting, Manufacturing Engineering Technology, or Mechanical Design.

## Experience ...

- 0 - 5 years preferred; Boiler/HRSG mechanical/piping background, AutoCAD Inventor and/or Plant 3D preferred, Solidworks, SmartPlant® or Pro-E w/PDM industry experience is acceptable.

## Physical Skill and Effort ... Working Conditions and Hazards ...

- Work requires highly skilled, precise, complicated, and/or difficult manual skill.
- Work involves fairly light and simple types of physical exertion.
- Normal plant, shop, field or office conditions.
- From time to time, slightly disagreeable features; negligible/little or no exposure.

## Benefits of Being a Cleaver-Brooks Employee ...

We offer a competitive salary and comprehensive benefits package, including medical, dental, vision, flexible spending account, health savings account, wellness benefits, life insurance, short term and voluntary long term disability, cash matching 401(k) plan, generous vacation and 11 paid holidays.

*This description indicates the general nature of the tasks and responsibilities required of position given this classification. It is not intended as a complete list of specific duties and responsibilities. Nor is it intended to limit or modify the right of management to assign, direct, and control the specific duties of individuals performing this function. The Company reserves the right to change, modify, amend, add to or delete from any section of this document as it deems, in its judgment, to be proper. This description supersedes any previous descriptions for this position.*

**To Apply ...** Qualified applicants may apply online at [www.cleaverbrooks.com](http://www.cleaverbrooks.com), click on “Careers”, then on the link to “Cleaver-Brooks, Inc.”, then on “3D Drafter – Lincoln, NE” and apply.

Cleaver-Brooks is an Equal Opportunity/Affirmative Action Employer.



# Job Posting: Application Engineer

## Job Summary ...

We are searching for someone to join our team as an **Application Engineer** and are specifically looking for someone who has had previous experience in this field. You will develop design information and performance ratings for industrial water tube boilers and heat recovery steam generators as a member of a cross-functional team. In this role, you will be responsible for technical knowledge related to assigned products, communicating this to other departments, and for providing the required technical support. If you feel you possess the capabilities for this position, then take the first steps to becoming part of our team by applying online!

## Essential Functions ...

- Must possess thorough and relevant product knowledge.
- Will have contact with customers, consultant engineers and company representatives regarding industrial boilers, heat recovery steam generators (HRSG's) and related auxiliaries.
- Must have strong communication skills and a background in heat transfer or power plant design.
- Using customer's input(s) / specification(s) and initial design information from the sales department completes the product design and provides design output to drafting for final preparation of layout drawings.
- Prepares the project BOM identifying major components of the unit.
- Reviews the project drawings and documentation for good Engineering practices, company standards, and customer contract specifications.
- Evaluates design changes, specifications, and drawing releases.
- Performs bid evaluation for mechanical equipment.
- Supports other functional departments for technical issues.
- Perform thermal calculations for industrial watertube boilers and HRSGs.
- Must have ability to routinely travel domestically and internationally (10% travel) – generally by air and utilization of rental cars, and ability to handle luggage and attaché cases, etc., normal business travel of varying length duration. Must have or have the ability to obtain a passport.
- Demonstrates enthusiastic, cooperative, and positive behavior.
- Maintain a favorable working relationship with all employees to foster & promote a cooperative & harmonious working climate.
- Perform all duties and responsibilities in a timely and effective manner in accordance with established policies to achieve overall objectives of this position.
- Apply intellect, creativity, adaptability, judgment, and management skills to achieve required results.
- Ensure duties and company projects are accomplished in an efficient and cost effective manner.
- Support peers and management with internal and external projects; adhere to company policies.
- Other duties as assigned.

## Physical Skill and Effort ... Working Conditions and Hazards ...

- Limited manual dexterity required. Work requires infrequent physical effort.
- Work requires a few simple but rapid hand operations, with simple and easy muscular movements.
- Normal plant, shop, field, or office conditions.
- From time to time, slightly disagreeable features; negligible/little or no exposure to hazardous conditions.

## Education ...

- Bachelor's Degree in Mechanical or Chemical Engineering preferred or related field.

## Experience ...

- 5+ years in related engineering experience preferred.
- Strong working knowledge of water tube boiler systems is desired.
- Good working knowledge of "Balance of Plant" equipment including fans, pumps, valves, and deaerators.
- Knowledge of A.S.M.E. BPVC Section 1 is preferred.
- Experienced with AutoCAD or Autodesk Inventor. Proficient with Microsoft Excel and Microsoft Word.
- Strong communication and organizational skills are preferred.

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**To Apply ...** Qualified applicants may apply online at [www.cleaverbrooks.com](http://www.cleaverbrooks.com): click on "Careers", then on the link to "Clever-Brooks, Inc." then on "Application Engineer – Lincoln, NE" and apply.

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# Job Posting: Welder/Fabricator – 2<sup>nd</sup> Shift

## Job Summary ...

Cleaver-Brooks is a wonderful and innovative company who appreciates the hard work our employees put forth every day. We are searching for someone to join our team as a **Welder / Fabricator on 2<sup>nd</sup> shift** in our plant located at 6940 Cornhusker Highway in Lincoln, NE and specifically are looking for someone who has had previous experience in this field. You will fabricate and weld pressure vessels and related components in accordance to ASME code. If you feel you possess the capabilities for this position, then take the first steps to becoming part of our team by applying online!

## Essential Functions ...

- Must have the ability to understand and follow all safety rules.
- Must have the ability to operate the overhead crane, scissor lift, use scaffolding & ladders.
- Must have the ability to work in confined space and up to 25' heights as required.
- Must have the ability to read blueprints and process sheets accurately.
- Must know, understand, and abide by 5S housekeeping procedures and Lean Manufacturing practices.
- Must understand and use IFS time keeping system to clock on/off jobs correctly and accurately.
- Must demonstrate full competence in meeting safety, quality and production standards.
- Must qualify and maintain the following weld certifications:
  - GMAW-S (FCAW), All positions, desired
  - GMAW-SC, All positions, desired
  - SMAW, All positions, desired
  - GTAW, All positions, desired
- Must follow Procedures for Welder performance Qualification Testing.
- Performs work as a Floater in the Fabrication & Assembly, Pressure Vessel, or CNC Departments as assigned.
- Apply intellect, creativity, adaptability, judgment, and management skills to achieve required results.
- Ensure duties and company projects are accomplished in an efficient and cost effective manner.
- Support peers and management with internal and external projects; adhere to company policies.
- Performs all other job duties as assigned by the Team Leader or Supervisor.

## Environmental Factors and Physical Requirements:

Must be able to lift up to 80 lbs. 40" high occasionally and up to 50 lbs. overhead on a regular basis. Must be able to work up to 12 hours standing and walking on hard cement surface and will be required to regularly bend, stretch, stoop, squat and climb ladders. Must be able to read tape measure; read and interpret blueprints, safety rules, operating/procedure and maintenance instructions. May work in confined spaces as narrow as 22" in diameter. Will require working in areas up to 25 feet from the ground. Must be able to climb stairs and work in temperature ranges corresponding with the outside ambient temperatures. Must be able to access all areas of the plant both inside and outside. Will be exposed to noise, dust, dirt, welding fumes and machine lubricants and/or oils. Must be able and willing to work with and properly use all necessary and/or required personal protective equipment including, but not limited to safety glasses, hearing protection, steel-toed shoes, hard hats & fall protection.

## Do You Qualify ...

### Education:

- High School degree or GED and 2 year degree in Welding Technology preferred; must have good reading, writing and math skills.

### Experience:

- Gas Tungsten Arc Welding (TIG) and Shielded Metal Arc Welding (SMAW) and ability to pass a 6G welding test according to ASME code preferred.
- Must be able to work from blueprints and have good mathematics skills.
- Metal Fabrication experience preferred.

**Hours of Work:** Second Shift, 3:30 p.m. to 12:00 midnight, M-F with possible daily / Saturday overtime.

## Benefits of Being a Cleaver-Brooks Employee ...

We offer a competitive salary and comprehensive benefits package, including medical, dental, vision, flexible spending account, health savings account, wellness benefits, life insurance, short term disability, cash matching 401(k) plan, vacation and 11 paid holidays.

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**To Apply:** Qualified applicants may apply online at [www.cleaverbrooks.com](http://www.cleaverbrooks.com), click on "Careers", then click on "Cleaver-Brooks, Inc.", then click on the link to **Welder/Fabricator – 2<sup>nd</sup> Shift – Lincoln, NE**.

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