



**OPTIMIZED  
PROCESS  
FURNACES, INC.**

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**JOB DESCRIPTION ~ STRUCTURAL DRAFTER**

**SUMMARY:**

Under general supervision, prepares drawings and support documents for fabrication of direct fired heaters, waste heat recovery units and air preheat systems.

**DUTIES AND RESPONSIBILITIES:**

- Obtains basic mechanical and structural data from project documents and design sketches.
- Prepares fabrication drawings using computer aided drafting techniques.
- Compiles shipping lists and prepares shipping profile sketches in preparation for transporting the manufactured equipment to the client's destination.
- Assists the engineering staff in developing sketches for client presentations.

**MINIMUM JOB REQUIREMENTS:**

- High school diploma
- Certificate of Competency in Structural Drafting

**KNOWLEDGE, SKILLS AND ABILITIES REQUIRED:**

- Strong math skills that include a working knowledge of the basic principles of geometry and trigonometry.
- Skill in the use of CAD equipment and software.
- Detail oriented with a desire for accuracy.
- Good verbal communication and social skills.
- Willingness to learn.

**WORKING CONDITIONS AND PHYSICAL EFFORT:**

- Work indoors with controlled environment.
- No or very limited physical effort is required.
- No or very limited exposure to physical risk.

**WEBSITE:**

[www.firedheater.com](http://www.firedheater.com)