

**CENTRE OF REHABILITATION EXCELLENCE**  
**3206 N. 4<sup>TH</sup> STREET**  
**LONGVIEW, TEXAS 75605**

**JOB SITE ANALYSIS**

**COMPANY:** AAON Coil Products, Inc.  
**JOB TITLE** Air Handler Assembler  
**SHIFT:** 7am to 3:30pm.  
**HOURS/WEEK:** 40 hours per week with occasional O.T.  
**CONTACT:** Maria Moore  
**PHONE:** 903-247-9203, fax 903-234-8930

**DATE:** August 15, 2003  
**TIME:** 9:45am  
**ANALYST:** Ron Makowski COTA  
**BREAKS:** ½ hour lunch, two 10-minute breaks.  
**JOB ANALYSIS**  
**PHYSICAL DEMAND:** Heavy

**JOB DESCRIPTION:** Assembles metal products, partially or completely, on the assembly line, or on the shop floor by performing the following duties. Positions parts according to knowledge of the unit being assembled or following blueprints. Fastens parts together with bolts, screws, speed clips, rivets or other fasteners. Removes small quantities of metal with hand files and scrapers to produce close fit between parts. Operates drill pressed, punch presses, or riveting machines to assist in assembly operation.

**Work Pace:**     Self Paced     Incentive based     Machine paced     Demand Paced  
                    Quota System         Other

**Tools/Equipment/Machines:** Drill presses, Punch presses, Riveting Machines, Hand Files, Scrapers, Bolts, Screws, Speed Clips, Rivets, and or other fasteners.

**Personal Protective Equipment:** Steel toes boots, Safety Glasses, Ear Plugs, Gloves.

**Environmental Exposures:** Exposure to extremes in heat: Yes, constantly.  
 Exposure to extremes in cold: No  
 Exposure to wet / humid conditions: No  
 Exposure to vibration: Yes, constantly.  
 Exposure to odors / fumes / particles: Yes, occasionally  
 Exposure to noise: Yes, occasionally. Approximately 80-decibel level.

**PHYSICAL DEMANDS**

Activity	Infrequent	Occas. <-33% 1-100 times a day	Freq 33-66% 100-500 times a day	Const 66%100% 500 + times a day	Object	Lowest Point (lift)	Highest Point (lift)
Lifting		100 lbs.	25 lbs.	Up to 10 lbs.	Metal panels, grates, fan units, bolts, screws, clips, or other fasteners.	2"	79"
Carrying		100 lbs.	25 lbs.	Up to 10 lbs.	Metal panels, grates, fan units, bolts, screws, clips, or other fasteners.	12"	6 feet
Pushing		5 lbs.	15 lbs.		Finished product up rollers, pressure for applying screws.	<1"	12 feet
Pulling		5 lbs.	10 lbs.		Finished product up rollers, pressure for applying screws.	<1"	12 feet

## Job Site Analysis

-2-

### PHYSICAL DEMANDS

Activity	Infrequent	Occasional <= 33%	Frequent 33-66%	Constant 66%- 100%	Comments
Bending		X			Repetitive waist bends up to 90 degrees.
Twisting		X			Reaching for part close by and within reach.
Squatting		X			Required for assembling of various parts.
Crawling		X			Picking up of dropped items.
Reaching at shoulder level				X	Application of parts to assembly.
Reaching Overhead			X		Positioning of pieces in an awkward position.
Wrist Ulnar/rad.				X	For positioning of various parts.
Grasping Simple / Firm				X	Required for applying pressure for drilling screws, bolts, etc. Strong grip required.
Fine Manipulation Right / Left				X	Required for handling of screws, bolts and or other fasteners.
Balancing			X		Awkward positions on one foot at a time.
Kneeling			X		Required for assembling of various parts.
Crouching			X		Required for assembling of various parts.
Climbing Regular Stairs Regular Ladders			X		Ascending and descending the rollers, step stool.
Stooping			X		Required for assembling of various parts.
Standing				X	On cement floor, and on top of rollers.
Sitting			X		Applying screws bolts, reading blueprints.
Walking			X		To get parts, walk around product.
Kneeling		X			Applying screws bolts.
Near Acuity (< 20 in.)				X	Applying screws bolts, reading blueprints.
Color Vision				X	Reading of blue prints, application of parts.

## Job Site Analysis

-3-

Depth Perception				X	Application of parts.
Hearing			X		Communication skills, and safety.

**Qualifications:** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Education and or Experience:** High school diploma or general education degree (GED); or one to three months' related experience and or training; or equivalent combination of education experience.

**Language Skills:** Demonstrate the ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Demonstrate the ability to write routine reports and correspondence. Demonstrate the ability to speak effectively before groups of customers or employees of the organization.

**Mathematical Skills:** Demonstrate the ability to add and subtract two digit numbers and to multiply and divide with 10's and 100's. Demonstrate the ability to perform these operations using units of American money and weight measurement, volume, and distance.

**Reasoning Ability:** Demonstrate the ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagram form. Demonstrate the ability to deal with problems involving several concrete variables in standardized situations.