

CENTRE OF REHABILITATION EXCELLENCE
3206 N. 4TH STREET
LONGVIEW, TEXAS 75605

JOB SITE ANALYSIS

COMPANY: AAON Coil Products, Inc.
JOB TITLE: Sheet Metal Operator
SHIFT: 24 hours
HOURS/WEEK: 8 hours a day, 40 hours per week
CONTACT: Maria Moon
PHONE: 903-247-9203, Fax 903-234-8930

DATE: 8/19/2003
TIME: 10:30am
ANALYST: Chris O'Grady MS, LAT, CSCS
BREAKS: ½ hour lunch, two 10 – minute breaks
JOB ANALYSIS:
PHYSICAL DEMAND: Medium

JOB DESCRIPTION: Plans, lays out, and fabricates sheet metal parts by reading and interprets blueprints, sketches, or product specifications to determine sequence and methods of fabricating sheet metal products. Selects gauge and type of sheet metal such as cooper, steel, aluminum, or nonmetallic material such as plastic or fiberglass, according to product specifications. In addition, setting up and operating fabricating machines such as shears, breaks, presses, and forming rolls to cut, bend, block and form, or straighten material, trims, files, grinds, deburrs, buffs, and smoothes surfaces. Inspects fabricated parts for conformance to specifications.

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

Tools/Equipment/Machines: Hand rake, Push Broom, Hand Tools,

Personal Protective Equipment: Steel toe boots, Eye Glasses, Earplugs, 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
Exposure to odors / fumes / particles: YES
Exposed to noise: Yes, constantly. Approximately 80-decibel level.

PHYSICAL DEMANDS

Activity	Infrequent	Occas ≤33%	Freq 33-66%	Const 66%100%	Object	Lowest Point (lift)	Highest Point (lift)
Lifting		38 lbs.	15 lbs.	4 lbs.	Sheet metal fabricates of various size	23"	35"
Carrying			6 feet		Finished products to holding table	23"	35"
Pushing			25 lbs.		Cart holding finished products 5 x 10 feet		35"
Pulling			30 lbs.		Cart holding finished products 5 x 10 feet		35"
Lifting			≥ 25 lbs.		Carry various sheet metals a max distance of 6 feet		35"

Job Site Analysis

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PHYSICAL DEMANDS

Activity	Infrequent	Occasional <= 33%	Frequent 33-66%	Constant 66%- 100%	Comments
Bending			X		Bending and twisting when unloading and maneuvering sheet metal
Twisting			X		Bending and twisting when unloading and maneuvering sheet metal
Squatting		X			Intermittent squatting checking machines
Crawling	X				
Reaching Below Waist	X				
Reaching Overhead		X			Adjusting machine controls with a 67" reach
Wrist Ulnar/rad.			X		Adjusting and maneuvering sheet metal
Grasping Simple / Firm				X	Grasping sheets, and various parts
Fine Manipulation Right / Left				X	Pushing buttons to operate machine
Balancing	X				
Foot Pedals		X			Used to control product loading elevation
Crouching	X				
Climbing Regular Stairs Regular Ladders		X			15 rung ladder
Stooping	X				
Standing			X		On cement floor, static and dynamic performed around machine
Sitting		X			Chair or stool at work station
Walking				X	To get sheet, tools, around machine and work area.
Near Acuity			X		Looking at product and reading blue prints
Color Vision			X		Read blueprints
Depth Perception			X		Location of product in machine
Hearing				X	Communication, malfunctions warnings from machines
Hand Eye Coordination			X		Application of materials
Eye - Hand_ Foot Coordination			X		Application of materials and operate foot pedals.

Job Site Analysis

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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 and experience.

Language Skills: Ability to read and comprehend simple instruction, short correspondence, and memos. Ability to write simple correspondence.

Mathematical Skills: Ability to add, subtract, multiply, and divide in all units of measurement, using whole numbers, common fractions, and decimals. The ability to compute rate, ratio, and percent and interpret bar graphs.

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