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**Position Title:** Production Worker**Department:** Operations**Direct Supervisor Title:** Production Supervisor**Corporate Title:****Position No.:****Business Unit:** 5020**Hourly/Salary:** Hourly**Revision Date:** 11.14.2016

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**General Purpose:**

Assists workers engaged in fabrication of structural Blade products by performing the following duties. (Will perform some or all of the functions listed below depending on work placement)

**Essential Functions:****Manual Production Processing**

- Lift, position, and/or remove material from work areas.
- Load, stack, and transport materials by hand, truck or crane or jib.
- Paint Blade.
- De-burr, polish and sand with file, wire brush, buffing cloth, grinding cloth or sandpaper.
- Clean interior surfaces of holes.
- Apply abrasive compound, wax, or other dressing to facilitate cleaning or polishing.
- Fit and assemble parts into complete assembly.

**Machine Operations**

- Selects, aligns, and secures holding fixtures, cutting tools, attachments, accessories, and materials on machines such as mills, lathes, jig borers, grinders, and shapers.
- Calculates and sets controls to regulate machining factors such as speed, feed, coolant, flow and depth and angle of cut, or enters commands to retrieve, input, or edit computerized machine control media.
- Starts and observes machine operation to detect malfunctions or out-of-tolerance machining, and adjusts machine controls or control media as required.
- Sets up and operates machine on trial run to verify accuracy of machine settings or programmed control data.
- Installs machined replacement parts in mechanisms, machines, and equipment, and tests operation of unit to ensure functionality and performance.
- Changes tools on powered equipment.

**Specifications Management**

- Studies blueprints, sketches, drawings, manuals, specifications, or sample part to determine dimensions and tolerances of finished work-piece, sequence of operations, and setup requirements.
- Measures, marks, and scribes dimensions and reference points on material or work-piece as guides for subsequent machining.
- Verifies dimensions, conformance and alignment of finished work-piece specifications.

**Additional Duties**

- Confers with engineers, production personnel, programmers, or others to resolve machining or assembly problems.
- Cleans work area, machines, tools and equipment.
- Safely performs duties related to generating and storing hazardous waste in satellite accumulation areas.
- All other duties as assigned.

**Education, Training and Skills Required:**

- 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.

- Strong natural ability to work in teams, high degree of adaptability & flexibility, strong desire to learn new skills & knowledge, excellent work ethic, dependability & dedication to team/company, personal desire/value to produce quality work, and ability/desire to work as a craftsman with hand tools.
- Ability to read and comprehend simple instructions, short correspondence, and memos. Ability to write simple correspondence. Ability to effectively present information in one-on-one and small group situations to other employees of the organization.
- Ability to add, subtract, multiply, and divides in all units of measure, using whole numbers, common fractions, and decimals.

## Scope:

**IMPACT:** Effect on total business results over time. Supervisory authority or budgetary accountability

**KNOWLEDGE:** Strong knowledge bases.

**COMMUNICATION:** Good verbal and written communication skills required (level of communication within company – with team, stakeholders, all levels, etc.)

**INNOVATION:** Analysis, evaluation leading to new processes/techniques or knowledge development.

**WORKING CONDITIONS:** No major exposure to risk or physical injury on the job. **See below** to detail of work conditions and physical requirements to perform essential duties of this role

## Supervisory Responsibilities:

This job has no supervisory responsibilities.

## Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The employee must frequently lift and/or move up to 10 lb., and occasionally lift and/or move up to 70 lb., as well as occasionally push and/or pull with up to 70 f.lb. Specific vision abilities required by this job include close vision, distance vision and when assigned to NDT (nondestructive testing) the ability to differentiate colors. While performing the duties of this job, the employee is frequently required to use hands to finger, handle or feel; reach with hands and arms above shoulder level and at shoulder level; climb or balance; stoop, kneel, crouch, or crawl and talk or hear. The employee is frequently required to stand and walk and occasionally required to sit.

## Work Environment

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is occasionally exposed to toxic or corrosive chemicals. The noise level in the work environment is usually moderate.

## ALTERNATE REQUIREMENTS:

## Workplace Hazard Assessment

Workplace hazards may include hazardous chemicals, potential for eye injuries from metal or mechanical parts, heavy lifting, or foot injuries from falling objects. Employees in these areas must use safety glasses, hearing protection, wear steel-toed boots, high visibility vests, hand protection, and full-body suit. Must use PPE appropriate to specific Production Area and job tasks as trained and determined by local HSE.

## Minimum Training Guidelines

Examples:

- 1) Safety Systems
- 2) Arc Flash protection Training
- 3) HAZMAT Training
- 4) Mobile equipment, aerial lift and Shock Watch training

## Working Conditions

The **essential functions** of this job involve the following working conditions (mark "X" in appropriate box):

**C = Constant**      67% - 100% of shift      **O = Occasionally**      1% – 33% of shift  
**F = Frequent**      34% – 66% of shift      **N = Never**      0% of shift

	C	F	O	N		C	F	O	N
<b>Psychological Factors</b>					<b>Physical Factors</b>				
Follow instructions/process standards/guidelines	X				Sit			X	
Perform repetitive tasks		X			Stand		X		
Keep work pace/deadlines	X				Walk		X		
Set up machinery or maintain specifications		X			Bend/stoop			X	
Confer with other staff		X			Squat/kneel			X	
Make decisions that impact business			X		Crouch/crawl			X	
Supervise others				X	Twist at waist			X	
Other					Reach above shoulders			X	
<b>Environmental Factors</b>					Reach below knees				
Noise (decibels) >= 85 (Webs Cutting – hearing conservation) Typical/Otherwise < 80			X		Lift/carry up to 70 lbs			X	
Vibration (10% of workforce)			X		Push/pull to 70 lbs (force)*			X	
Abrupt temperature changes (10% workforce)			X		Climb ladders			X	
Heat (above 85 F) (10% of workforce)			X		Climb stairs			X	
Cold (below 65 F) (10% of workforce)			X		Sweep/mop			X	
Wet conditions – if working outdoors			X		Operate foot controls			X	
Damp conditions				X	Other				
Dry conditions				X	<b>Manual Tasks</b>				
Solvents				X	Grasp with one hand		X		
Acids, bases			X		Grasp with both hands		X		
Odors & dust			X		Manipulate with one hand		X		
Use of a Respirator			X		Manipulate with two hands			X	
Oils			X		Handwritten communication			X	
Toxins (detail) – Hardeners			X		Use keyboard			X	
Other – Confined Space				X	Use hand tools		X		
<b>Sensory Tasks</b>					Operate power tools				
See close (reading, inspection)		X			Operate shop machinery			X	
See far (observation)		X			Scrub/wash/polish			X	
Peripheral vision		X			Scrape			X	
See colors		X			Other				
Verbal communication					<b>Driving/Travel</b>				
Hear speech	X				Drive a car			X	
Hear mechanical sounds		X			Drive a truck			X	
Sense odors			X		Drive in-plant vehicles			X	
Sense by touch			X		Travel			X	

\*Contact the Safety Engineer for assistance with push/pull force or to determine actual weights for materials or equipment