

Job Title: Maintenance Technician
Department: Maintenance
Written by: JB/TA

Revision Date: July 30, 2003
Reports to: Maintenance/Engineer or Supervisor

Job Summary:

Perform preventive maintenance and repairs on all machinery. This includes arc welding and fabricating. Use of small hand tools, drills, grinders etc. Disassemble and assemble industrial machinery: chains, bearings, piping, etc. Inspection and trouble shooting of electrical equipment: motors, fuses, control panels, limit switches, etc. Completing work orders on all in-plant machinery. Inventory inspection for machinery parts and tools supplies. Hi-lo driving for lifting and unloading of heavy maintenance equipment. Machinery in this environment includes but is not limited to: heat treat furnaces, automatic loaders, electric and hydraulic motors, tub lifts, and wheelabrators (shot blast operations).

Job Duties:

1. Required to have tools to complete basic repairs or maintenance tasks.
2. Prior to shift, get line up from plant engineer or maintenance personnel.
3. Walk through plant:
 - a) Check Furnace/Wheelabrator Problem log sheets.
 - b) Fill out Furnace/Wheelabrator Problem log sheets after work was performed on all equipment
 - c) Make sure all guards are in place.
4. Know the proper instructions for lock out/tag out, confined space, and hot work permit.
5. Inform the following shift of tasks.
6. Perform preventive maintenance to equipment per MaintainIt Pro 2 instructions.
7. Repairing breakdowns as required.
8. Load and unload furnaces when needed.
9. Sort or stack parts when needed.
10. And all other related duties.

Interaction:

Notify engineer of any major breakdown. Check with the plant engineer or shift manager for priority with multiple breakdowns. Get the line up before your shift and pass on at the end of your shift. Interaction with production workers is ongoing.

Physical Requirements:

<input checked="" type="checkbox"/> Walking	<input checked="" type="checkbox"/> Carrying	<input checked="" type="checkbox"/> Seeing
<input checked="" type="checkbox"/> Balancing	<input checked="" type="checkbox"/> Throwing	<input checked="" type="checkbox"/> Color Vision
<input checked="" type="checkbox"/> Climbing	<input checked="" type="checkbox"/> Pushing	<input checked="" type="checkbox"/> Depth Perception
<input checked="" type="checkbox"/> Standing	<input checked="" type="checkbox"/> Pulling	<input checked="" type="checkbox"/> Working Speed
<input checked="" type="checkbox"/> Turning	<input checked="" type="checkbox"/> Handling	<input checked="" type="checkbox"/> Strength
<input checked="" type="checkbox"/> Stooping	<input checked="" type="checkbox"/> Fingering	<input checked="" type="checkbox"/> Near Acuity
<input checked="" type="checkbox"/> Crouching	<input checked="" type="checkbox"/> Feeling	<input checked="" type="checkbox"/> Far Acuity
<input checked="" type="checkbox"/> Kneeling	<input checked="" type="checkbox"/> Talking	<input checked="" type="checkbox"/> Field of Vision
<input checked="" type="checkbox"/> Sitting	<input checked="" type="checkbox"/> Hearing	
<input checked="" type="checkbox"/> Reaching		
<input checked="" type="checkbox"/> Lifting		

Working Conditions:

- Inside
- Outside
- Hot
- Cold
- Sudden Temperature change
- Humid
- Dry
- Wet
- Dusty
- Dirty
- Odors
- Noisy

- Low Ventilation
- Low Lighting
- Vibration
- Mechanical Hazards
- Moving Mechanical Objects
- Cramped Quarters
- High Places
- Burns
- Electrical hazards
- Oils/solvents
- Radiation
- Moving Objects

Aptitudes/manual skills/dexterity Requirements:

- Quick Learner
- Spacial
- Motor Coordination
- Eye-Hand Coordination Verbal
- Form Perception
- Finger Dexterity
- Color Discrimination
- Numerical
- Clerical Perception
- Manual Dexterity
- Courtesy

- Mental Visual Demand
- Routines
- Pressure/Stress
- Accuracy
- Supervision Required
- Supervision Exercised
- Confidentiality
- Judgements/Decisions
- Repetition
- Variety
- Isolation
- Precision

Worker Functions:

The highest appropriate function is indicated.

Data	People	Things
O-Synthesizing	O-Mentoring	O-Setting Up
1-Coordinating	1-Negotiating	1-Precision Working
2-Analyzing	2-Instructing	2-Operating/Controlling
3-Compiling	3-Supervising	3-Driving/Operating
4-Computing	4-Diverting	4-Manipulating
5-Copying	5-Persuading	5-Tending
6-Comparing	6-Speaking/Signaling	6-Feeding/Off bearing
	7-Serving	7-Handling
	8-Taking Instructions/ Helping	

Educational/Technical Requirements:

Skills needed: Mechanical, welding, cutting, fabricating and electrical. Reading and writing comprehension. Basic math skills - add, subtract, multiply, divide whole numbers, add subtract decimals. High School graduate or equivalent.