	<b>LONGVIEW POWER PLANT POLICY AND PROCEDURES MANUAL</b>		
	Title: <b>Mechanical / Welder Technician 3</b>		
Procedure Number: <b>L1 - ADM - 1JD – MT3 - R</b>	Rev. Number: <b>0</b>	Rev. Date: <b>4-17-2009</b>	Page Number: <b>1 of 5</b>

### **Job Summary (Why does job exist?)**


The Mechanical / Welder Technicians reports directly to their assigned Mechanical Supervisor and are responsible for Mechanical Maintenance activities of all related Power Plant Equipment as assigned. Some of the common duties will be but not limited to, valve repair/replacement, lubrication of equipment, filter changing & cleaning, system leak repair, component & driver alignment, bearing repairs & replacement, component replacement, general industrial maintenance, housekeeping, training and troubleshooting of mechanical systems. Some MIG / TIG / and Stick Welding may be required. This person will follow the Plant Safety Procedures and the Plant LOTO or (Lock-out Tag-out System) at all times. The position will be supporting the Longview Power plant Start-Up / Commissioning, Maintenance and Operational readiness of the 700 MW Super-Critical Coal Fired Generating Station, including but not limited to Fuel Systems, Ash Handling, Scrubber System, Steam Turbine Generator, Auxiliary Equipment, Boiler and Auxiliaries, Mills, Crushers, and other plant equipment.

### **ESSENTIAL DUTIES AND RESPONSIBILITIES**

- Work under the direction of the Mechanical Supervisor for all related activities.
- Understand and follow Plant Safety & Environmental Policies at all times.
- Document all work activities as directed by the Mechanical Supervisor.
- Follow training plans as assigned and directed.
- Perform troubleshooting and documentation, and assist in the resolution of problems.
- Work with the CMMS system to ensure precise input of items as required.
- Capable of following and/or providing precise detailed instructions for crews as required.
- Ensure LOTO (Lock-out / Tag-out) system compliance at all times.
- Represents Longview Power's best interest at all times.
- Be alert to working environment for possible hazards.
- Be capable of interpreting Plant & Equipment Manuals for precise maintenance activities.
- Perform mechanical assemblies / disassemblies, valve packing, lubrication, and other general maintenance activities.
- Assess individual job requirements for safety at all times.
- Complete work orders and other assignments as required.
- Perform General Housekeeping per policy.
- Will assist with operations activities when required.

### **Job Requirements (Education, Experience, Knowledge, Skills)**

- 12 years formal education (High School Graduate) or equivalent.
- One to three years of Industrial Mechanical Maintenance in one of the related fields such as Millwright, Welding, Pipefitting, Boiler Maker, etc.
- Knowledge in Welding, Millwright Work, Lubrications, Hydraulics, Valves, Parts, Tools and other items related to the industry and maintenance.
- Knowledge of equipment isolation and tagging procedures.

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- Ability to respond to plant abnormal situations, alarms, and emergencies.
- Thorough knowledge of the location, purpose and proper use of the plant safety equipment, including fire fighting techniques.
- Ability to understand CMMS systems and work item tracking and reporting.

### SUPERVISORY RESPONSIBILITIES

*Does this job have supervisory responsibilities?* No

#### Supervision Received:

Receives guidance with respect to general objectives; in the majority of tasks and projects assigned, determines methods, work sequences, scheduling, and methods to achieve objectives of assignments; operates within specific policy guidelines.

*Are there non-supervisory employees who report directly to this job?* No

Are there subordinate supervisors reporting to this job? No


### OTHER DUTIES AND RESPONSIBILITIES

- Comply with all Safety & Environmental policies, practices and procedures.
- Participate in proactive team efforts to achieve departmental and company goals.
- Perform other duties as assigned.
- Provide leadership to others through example and sharing of knowledge/skill.
- Work with other Departments and personnel as required for Plant betterment.
- Provide input/documentation for parts, tools, and safety equipment as needed.
- Assist in Contractor Supervision during planned and unplanned outages and/or other plant requirements.
- Inspection of parts received for quality, damage, and general condition.
- May be required to perform welding duties and should be familiar with MIG / TIG / Brazing / and stick type welding.
- Works toward completing Mechanical/Welder Technician 2 qualifications requirements through OTJ and manual training.

### EDUCATION and EXPERIENCE

Level of education and experience needed to successfully accomplish the essential duties of this job.

12 years formal education (High School Graduate) or equivalent, technical school; or one to three years related experience and/or training; or equivalent combination of education and experience.

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### LANGUAGE SKILLS

Level of language (ability to read, write, and speak English) needed to successfully accomplish the essential duties of this job.

Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to write routine reports and correspondence. Ability to speak effectively before groups of customers or employees of organization.

### MATHEMATICAL SKILLS

Level of mathematical skills and abilities needed to successfully accomplish the essential duties of this job.

Ability to add, subtracts, multiply, and divides in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rate, ratio, and percent and to draw and interpret bar graphs.

### REASONING ABILITY

Level of reasoning skills and abilities needed to successfully accomplish the essential duties of this job.

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

### COMPUTER OPERATIONS

Proficient personal computer skills including electronic mail, record keeping, routine database activity, word processing, spreadsheet, graphics, etc.


### PLANNING/ORGANIZATION

Handles multiple tasks simultaneously.

### CERTIFICATES, LICENSES, REGISTRATIONS

Licenses, certificates, or registrations that are required to perform the essential duties of this job.

Valid Drivers License

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**PHYSICAL/ENVIRONMENTAL DEMANDS**

How much on-the-job time is spent in the following physical activities?

	<u>Rare</u>	<u>Occasional</u>	<u>Frequent</u>
Standing	—	—	<u>X</u>
Walking	—	—	<u>X</u>
Sitting	—	—	<u>X</u>
Using hands to finger, handle, or feel	—	—	<u>X</u>
Reaching with hands & arms	—	—	<u>X</u>
Climbing or balancing	—	—	<u>X</u>
Stooping, kneeling, crouching, or crawling	—	—	<u>X</u>
Talking or hearing	—	—	<u>X</u>
Tasting or smelling	—	<u>X</u>	—
Other: Driving	<u>X</u>	—	—
Other: Respirator use	—	<u>X</u>	—


Does this job require that weight be lifted or force be exerted? If so, how much and how often?

Up to 10 lb	—	—	<u>X</u>
Up to 25 lbs	—	—	<u>X</u>
Up to 50 lbs	—	<u>X</u>	—
Up to 100 lbs	<u>X</u>	—	—

**WORKING CONDITIONS**

Outdoors and indoor shop environment with adequate ventilation.

Wet or humid conditions (non-weather)	—	—	<u>X</u>
Work near moving mechanical parts	—	—	<u>X</u>
Work in high precautions places	—	—	<u>X</u>
Fumes or airborne particles	—	<u>X</u>	—
Toxic or caustic chemicals	<u>X</u>	—	—
Outdoor weather conditions	—	<u>X</u>	—
Extreme cold (non-weather)	—	<u>X</u>	—
Extreme heat (non-weather)	—	<u>X</u>	—
Risk of electrical shock	<u>X</u>	—	—
Vibration	—	<u>X</u>	—

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How much noise is typical for the work environment of this job?

Very loud (examples: jack hammer work, front row at rock concert)

TRAVEL

Minimal overnight travel (up to 10%) by land and/or air.