

Hydro Mech Tech II | Job Code - HDP324

JOB SUMMARY

Job Title	Reports To (Job Title)
Hydro Mech Tech II	N/A
Job Type	Job Level
Technical/Craft	Intermediate

Summary

Job Summary

Perform maintenance on all powerhouse equipment; perform inspections/overhauls/rebuilds of equipment. Operate station vehicles and utilize work management system to document work/equipment history, work hours, and barriers to completion.

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Duties and Responsibilities

- Perform precision inspections/maintenance on all powerhouse equipment, such as valves, motors, turbines, generators, air compressors, fans, pumps, yard drainage system, etc.
- Operate station vehicles such as forklifts and trucks
- Perform basic rigging and lifting tasks

Basic Qualifications

- One or more years of directly related maintenance work experience on equipment such as coolers, turbines, air compressors, fans, pumps, valves, hydraulic systems, mechanical seals, etc.
- Possess good working knowledge of shop equipment (drill press, hydraulic press, band saw, pedestal grinder, threading machines, etc.
- Able to perform rotating equipment assessments troubleshoot, perform equipment rebuilds, alignment of equipment and precision measuring
- Basic reading, writing and math skills, including reading and understanding engineering drawings/manuals/procedures
- Capable of learning quickly, working independently, in a team environment
- Able to pass respiratory physical and wear all required safety equipment.
- Must be able to attend on system and off system training and travel to other locations for temporary work assignments
- Demonstrated ability to ensure safe work practices and procedures.
- Demonstrated ability to protect tool inventory
- Demonstrated excellent personal availability record

- Basic ability to use computerized work management systems such as Maximo.
- Able to lead supplemental workforce as needed

RESPONSIBILITIES

- Perform maintenance on all powerhouse equipment, such as valves, motors, turbines, air compressors, fans, pumps, yard drainage system, etc.
- Operate station vehicles such as forklifts and trucks.
- Perform basic rigging and lifting tasks.

QUALIFICATIONS

Basic/Required Qualifications

Required Education

Type of Degree	Field Of Study
High School/GED	N/A

Required Work Experience

Min Required Related Experience	1 Year
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Professional Certifications or Licenses

Certification Name
Commercial Drivers License

Additional Certifications or Licenses

Certification Name
N/A

In Lieu of Degree

Education

Preferred Qualifications

Preferred Education

Type of Degree	Field Of Study
Technical	N/A

Preferred Work Experience

Years of Related Work Experience	N/A
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Professional Certifications or Licenses

Certification Name
N/A

Additional Certifications or Licenses

Certification Name
N/A

Not
Applicable

Years of Experience

Not
Applicable

ADDITIONAL DETAILS

Desired Qualifications

- Two-year technical degree in a mechanical discipline or equivalent experience
- Experience with hydro unit alignment using plumb wires and slug arc process
- Machinist experience on lathe, mill, and field machining
- Experience with diesel engine maintenance and troubleshooting
- Experience with pipe fitting and metal fabricating
- Experience with alignment equipment and precision measurement
- Experience with machinery predictive maintenance technologies: vibration analysis, oil analysis, etc.
- Good verbal and written communications skills
- Excellent reading and math skills
- Basic computer skills in spreadsheets, word processing
- Excellent demonstrated skills in work management applications such as Maximo
- Advanced Rigger and/or Mobile Crane Operator qualifications
- Present or past qualifications as welder in 200 and 300 weld processes
- Experience in leading supplemental workforce
- Confined space rescue trained
- Able to obtain CDL license

Specific Requirements

- Valid Driver's License
- Periodic DOT physicals
- Subject to Random Drug Screening
- Required to pass physical
- Basic Rigger Qualifications; Pendant Crane Operator Qualifications
- Must successfully complete EEI's Power Plant Maintenance Selection System (MASS) and a Power Plant Physical Abilities Assessment (PAB)
- Ability to work around equipment that generates electromagnetic fields (EMF)

Working Conditions

- Frequent travel with occasional overtime
- Occasional weekend work
- Exposure to extreme temperatures and noise
- Exposure to electromagnetic fields (EMF)

REPORTING RELATIONSHIPS

Will this role have direct reports?

No

NATURE OF THE JOB

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|---|-----|
| 1.Tasks are straightforward, routine and often repetitive | N/A |
| 2.Tasks follow set guidelines or procedures | N/A |
| 3.Employee must compare alternative courses of action and make a decision after considering options | N/A |
| 4.Employee receives clear instructions from supervisor regarding what to do and how to do it | N/A |
| 5.Employee has the authority to make significant choices and decisions without specific guidance or direction from the supervisor | N/A |