# Hydro Mech Tech | Job Code - HDP325

#### JOB SUMMARY

Job Title

Reports To (Job Title)

Hydro Mech Tech I

N/A

Job Type

Job Level

Technical/Craft

Learner

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.

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

### Required Work Experience

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Min Required Related Experience	1 Year	Sephily area areas are

#### Professional Certifications or Licenses

Certification Name
Commercial Drivers License

#### **Additional Certifications or Licenses**

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	Certification Name
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N/A	7.

In Lieu of Degree

Education

# Preferred Qualifications

#### Preferred Education

Type of Degree	Field Of Study
Technical	NA

#### Preferred Work Experience

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Years of Related Work	5 N1/A
Experience	N/A
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#### **Professional Certifications or Licenses**

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#### Additional Certifications or Licenses

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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

1. Tasks are straightforward, routine and often repetitive	IN/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