



Date:	March 11, 2024	Job Title:	Pumping Plant Mechanic
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LNVA is accepting applications for the position described below.

LNVA IS AN EQUAL OPPORTUNITY EMPLOYER.

SUMMARY OF POSITION

The primary function of this position is to perform operational, maintenance diagnostics, and repair (including minor/major overhauls) tasks on industrial natural gas engines, pumps, and other related equipment at the pumping plants. May perform welding and fabrication for projects as needed. The secondary function of this position is to operate engines/pumps to maintain proper water levels in main canal.

ORGANIZATIONAL RELATIONSHIPS

1. Reports to: Plant Maintenance Supervisor. May also receive work assignments from the Lead Pumper/Operator.
2. Directs: This is a non-supervisory position.
3. Other: Has daily contact with other Pumper/Operators, Pumper/Mechanics, and Canal Riders, and periodic contact with other Authority employees.

EXAMPLES OF WORK - Essential Duties

- Maintain punctual, regular attendance and work the scheduled hours.
- Performs major and preventative maintenance on heavy natural gas engines and pumps, including minor overhauls (re-facing power valves, checking all crankshaft bearings, etc.) and/or major overhauls (including checking tolerances of the following for possible replacement; piston rings, pistons, cylinder liners, bushing, crankshaft bearings, valve guides, etc. and checking web deflection) to maintain engine and/or pump in efficient and safe operating condition.
- Provides assistance with design reviews and construction of projects.
- Operates equipment (backhoe, tractor, up to 30-ton rough terrain crane, etc.) for routine maintenance at pumping plants or for projects as needed.
- Performs general maintenance and cleaning of plant, including collecting oil-soaked rags for laundry, sweeping and mopping, removing garbage, changing light bulbs, painting, etc.

Other Important Duties

- Performs other such duties as may be assigned.
- Operates heavy natural gas engines at pumping plants and monitors water levels in canals and adjusts pump operation to keep levels within the specified range. Monitor engine operating temperatures and pressures, maintain packing in pumps, and replacing coolants, lubricants, and filters as required to maintain engines within most efficient and safe operating limits as specified.
- Operates and maintains natural gas or electric air compressors and vacuum pumps.
- Cleans pump intake grills, mud traps, well screens, heat exchangers, oil coolers, and sump pumps to ensure efficient system operations.
- Monitors the LNVA SCADA system (including: Saltwater Barrier, Canal System water levels and Remote Operated Gates, Devers Pumping Plants, Nolte Pumping Plant and W RTP) for alarms and contact appropriate personnel for alarm response.
- Prepares daily operational reports as needed, including pumping volume, oil consumption, emissions, and maintenance logs and perform inventory of oil stocks on hand.
- Performs welding and/or fabrication for projects as needed.
- Performs general maintenance and construction work; including general carpentry, plumbing, concrete, etc.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of: industrial natural gas and/or diesel engine, pump, compressor, and piping operational and maintenance techniques.

Skill/Ability to: perform a wide variety of welding and fabrication tasks, review and interpret drawings, layouts or blueprints, operate, diagnose problems, and maintain (including performing major repair/and overhaul procedures) heavy industrial natural gas engines, pumps, compressors, and piping to ensure safe efficient plant operation; demonstrate proficiency in use of micrometer and other technical instruments; operate computer, understand numeric data, and understand and use computer spreadsheets for data entry; complete necessary paperwork and reports accurately, legibly, and promptly; use and operate the LNVA SCADA system software; demonstrate proficiency in both oral and written communication; establish and maintain effective working relationships with co-workers; and tolerate adverse working conditions; including exposure to a wide range of temperatures and a noisy work environment.

PREFERRED KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of: welding and fabrication, including lay outs, fits, arc, gas-shielded arc, and gas welding equipment.

Skill/Ability to: proficiently operate computer, including email, word processing, and spreadsheets (Microsoft Office Suite.)

ACCEPTABLE EXPERIENCE AND TRAINING

High school graduation, or its equivalent, plus at least three years of diesel or natural gas engine maintenance;

or any equivalent combination of experience and training which provides the required knowledge, skills, and abilities;

Relevant Mechanic Certifications
Welding Certification

An Associate of Applied Science Degree in Advanced Engine Technology is *highly desirable*.

CERTIFICATES AND LICENSES REQUIRED

Appropriate Valid/Unexpired Texas Driver License

Pay Group: A9/10 | **FLSA:** Nonexempt

Pay Range: \$28.40/hour-\$46.08/hour

Closing Date: April 30, 2024 or until filled, whichever comes first.

If interested, submit a completed application (resume and/or statement of qualifications can be attached) to:

Lower Neches Valley Authority
Attention: HR Director
P. O. Box 5117, Beaumont, Texas 77726-5117
7850 Eastex Freeway, Beaumont, Texas 77708

Scott Hall, P.E., General Manager