

Garland Independent School District
Energy Analysis Specialist (16573)

JOB POSTING

Job Details

<i>Title</i>	Energy Analysis Specialist
<i>Posting ID</i>	16573

Duty Days: 226

Pay Grade: 101

Technology Literacy: E-mail

Application Questions: JOBS@garlandisd.net

Date Available:

Deadline: Until Filled

Interviews: Conducted as needed

QUALIFICATIONS:

Required:

- Associate degree with strong focus on mathematics, engineering or computer studies
- Accredited Texas Energy Manager (ATEM) or Certified Energy Manager's Certification is required or must be obtained within six (6) months of employment
- Advanced computer skills and knowledge of Microsoft Office, specifically Excel and Access
- Valid Texas driver's license with good driving record
- Ability to conduct ASHARE Level I and II Energy Audits

Preferred:

- Ability to perform Energy Modeling similar to e-Quest, Trane Trace, etc.

Knowledge & Skills:

- Basic knowledge of International Performance Measurement & Verification protocol (IMPVP)
- Ability to interpret mechanical and electrical plans and specifications for building facilities
- Strong organizational, communication, and interpersonal skills

Experience:

- Minimum three years of experience in energy-related field

MAJOR RESPONSIBILITIES AND DUTIES:

- Analyze energy bills including utility rates/tariffs to gather historical energy usage data
- Calculate potential for energy savings
- Collect and analyze field data related to energy usage
- Educate customers on energy efficiency or answer questions on topics such as the costs of running household appliances or the selection of energy efficient appliances
- Identify and prioritize energy saving measures
- Inspect or evaluate building envelopes, mechanical systems, electrical systems, or process systems to determine the energy consumption of each system
- Prepare audit reports containing energy analysis results or recommendations for energy cost savings
- Quantify energy consumption to establish baselines for energy use or need
- Recommend energy efficient technologies or alternate energy sources
- Analyze technical feasibility of energy saving measures using knowledge of engineering, energy production, energy use, construction, maintenance, system operation, or process systems
- Compare existing energy consumption levels to normative data
- Identify opportunities to improve the operation, maintenance, or energy efficiency of building or process systems
- Measure energy usage with devices such as data loggers, universal data recorders, light meters, sling psychrometer, psychrometric charts, and flue gas analyzers, amp probes, watt meters, voltmeters, thermometers, or utility meters
- Determine patterns of building use to show annual or monthly needs for heating, cooling, lighting, or other energy needs
- Perform other job-related duties as assigned

<i>Shift Type</i>	Full-Time
<i>Salary Range</i>	\$45,019.00 - \$63,461.00 / Per Year
<i>Location</i>	Padgett Auxiliary Services Center

Applications Accepted

<i>Start Date</i>	04/11/2019
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Job Contact

<i>Name</i>	Aijaz Khan	<i>Title</i>	Energy Management Supervisor
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