

**Job Title: Boiler Engineer**  
**Compensation Rate/Level: Grade 7**  
**Department: Facilities Services**  
**Updated: January 2020**

**Essential Functions:**

- Perform work typically required in the maintenance and operation of a boiler plant. Including, but not limited to, the maintenance and operation of equipment identified in the qualifications.
- Follow work assignments, instructions, labeled information, and safety standards independently.
- Interpret gauges, charts, keep records, use and interpret various testing devices common to boiler operations.
- Use the computerized EMS to control and monitor the power plant and campus systems.
- Monitor status of campus wide fire alarms and security systems.
- Provide quality customer service to faculty, staff, students and campus visitors.
- Commit to being assigned as an essential employee, meaning you may be required to work when others are excused.
- Use of technology, such as email, smart devices (ex: iPad, iPhone), work order system/programs.
- Attend to Facilities Services related emergencies when necessary.
- Enforce and support policies established by the Facilities Services leadership.
- Work with and lead the activities of student staff.
- Attend safety meetings and other related meetings.
- Perform other related duties as required.

**Required Qualifications:**

- Possess an active boiler engineer license or obtain within 6 months.
- Minimum of three (3) additional years of experience including trouble shooting and testing on the following, or similar, equipment: powers 600 Energy Management System; Compressors & Pneumatic Control Systems; Vacuum Pumps; Chillers & chilled Water Distribution Systems; High Pressure Boilers; Cooling Tower & Controls; Pumps.
- Maintain licenses, certifications and formal training as are applicable. Participate in GVSU training programs and/or other required maintenance related courses provided by the department.
- Valid driver's license with acceptable driving record.
- Demonstrated mechanical aptitude.
- A demonstrated understanding of schematics, blueprints and designs.
- Satisfactory work performance and attendance records.
- Demonstrated ability to work with minimum supervision.
- Willingness to work off shifts, holidays and overtime as necessary.

**Preferred Qualifications:**

- One year experience in Energy Management System (EMS).

**Physical Demands:**

- Ability to lift up to 70 lbs.
- Work at heights up to 70 feet in confined spaces and during inclement weather.
- Ability to perform manual labor, including bending, twisting, stooping and reaching as needed.
- Ability to work outdoors and/or in unairconditioned buildings, at university events, as required.

- Perform work duties/responsibilities for extended periods of time (approximately 12 hours/day) even during inclement weather.
- To perform this job successfully, an individual must be able to perform each essential function satisfactorily. Must have the physical stamina to work long hours and/or more than 5 days per week. The requirements listed are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
- The information contained in this job description is for compliance with the Americans with Disabilities Act (A.D.A) and is not an exhaustive list of the duties performed for this position. Additional duties are performed by the individuals currently holding this position and additional duties may be assigned.