LOUISIANA MILITARY DEPARTMENT

CFMO, Jackson Barracks, New Orleans, LA

Mechanical Engineer 1, 2, or 3

50354702

ANNOUNCEMENT NO. 205-2026
OPENING DATE: November 13, 2026
CLOSING DATE: December 11, 2026

***SALARY:**

MT-316	$65,541 - $78.666
MT-317	$70,138 - $84,178
MT-318	$75,046 - $90,064

*Salary indicates typical starting range. Level will be determined by qualifications.

BENEFITS

Retirement: LASERS
Insurance: Medical, Dental, & Vision
Paid Holidays: 10 plus proclaimed
Annual Leave: 96 hours per year with tenure increases
Sick Leave: 96 hours per year with tenure increases

JOB TYPE: Unclassified
Current Classified employees must give up their designation to accept this position.

POSITION DESCRIPTION:

The Mechanical Engineer serves as a licensed professional within the Construction and Facilities Management Office (CFMO) and is responsible for the planning, design, review, and integration of mechanical systems supporting Louisiana National Guard construction and sustainment projects. The position supports the development of safe, energy-efficient, sustainable, and code-compliant facility systems, including heating, ventilation, and air conditioning (HVAC), plumbing, fire protection, thermal, and energy-management systems. The incumbent ensures mechanical designs meet applicable regulatory requirements, military standards, project requirements, and operational needs.

The Mechanical Engineer will review and mark up mechanical plans submitted by contracted architect-engineer firms and develop detailed mechanical drawings, blueprints, and specifications using computer-aided design and building information modeling software. Responsibilities include developing mechanical drawings for 35 percent Military Construction design sets and designing mechanical systems for limited-scope Sustainment, Restoration, and Modernization projects. The incumbent will develop and refine construction specifications for mechanical, HVAC, plumbing, and thermal systems; conduct facility assessments, energy audits, load calculations, feasibility studies, building mechanical-system assessments, and indoor-air testing; and evaluate the suitability, performance, and efficiency of proposed mechanical systems.

The position will conduct engineering boards, as required, for mechanical engineering design projects and provide technical support to the Quality Assurance Branch regarding mechanical design and construction questions. The Mechanical Engineer will review mechanical and HVAC cost estimates for accuracy and feasibility, develop Independent Government Estimates for Mechanical Engineer selection boards, and maintain project design-progress tracking charts for assigned projects. The incumbent will review and approve as-built drawings, testing and balancing reports, and operations and maintenance manual submissions received from mechanical engineers, testing agents, and contractors.

POSITION DESCRIPTION CONT:

The Mechanical Engineer will assist with the organization and retention of mechanical as-built drawings and specifications in digital and hard-copy formats and work with the CFMO Architect to develop as-built mechanical plans for existing facilities. Additional duties include performing other assignments directed by the Plans and Design Branch Manager or CFMO leadership. The incumbent will submit an evaluation support form to the Plans and Design Branch Manager twice each year, no later than 15 calendar days before the end of the mid-year and end-of-year evaluation periods.

POSITION QUALIFICATIONS:

The Mechanical Engineer position requires a current Professional Engineer (PE) license to practice in the State of Louisiana and a bachelor's degree in mechanical engineering from an Engineering Accreditation Commission/Accreditation Board for Engineering and Technology (EAC/ABET)-accredited program. Candidates must have successfully completed the Fundamentals of Engineering (FE) examination and the Principles and Practice of Engineering (PE) examination in mechanical engineering. Applicants must possess at least four years of verified, progressive engineering experience obtained after graduation, typically under the supervision of a licensed Professional Engineer.

The selected candidate must maintain an active professional license and meet all continuing education requirements. This includes completing 30 Professional Development Hours (PDHs) every two years, with at least one PDH each year in professional ethics and four PDHs annually in Life Safety Code requirements, building mechanical or plumbing codes, or Americans with Disabilities Act Accessibility Guidelines. Candidates must maintain a disciplinary record free from violations in any jurisdiction.

Qualified applicants must demonstrate in-depth knowledge of applicable federal, state, and local codes and standards, including Unified Facilities Criteria (UFC), American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) standards, National Fire Protection Association (NFPA) codes, International Mechanical Code (IMC), International Plumbing Code (IPC), and applicable environmental requirements, including the National Environmental Policy Act (NEPA). Candidates must also possess comprehensive knowledge of construction methods, practices, and techniques associated with HVAC, plumbing, fire-suppression systems, building automation and control systems, and utility-distribution networks such as natural gas and chilled- or hot-water systems.

The position requires familiarity with Military Construction (MILCON) project regulations and procedures, as well as health, safety, and environmental requirements established through Occupational Safety and Health Administration standards and applicable technical orders. Candidates must be proficient in Computer-Aided Design and Drafting software, including AutoCAD, Revit, or MicroStation, and be able to develop graphs, curves, tables, technical data, and engineering calculations. Applicants must also possess experience managing project life cycles, including cost estimating and scheduling, and must be able to prepare precise specifications, technical reports, design modifications, and statements of work.

Successful candidates will have strong verbal and written communication skills and the ability to coordinate effectively with contractors, senior leadership, and multidisciplinary project teams. The position requires the ability to manage multiple concurrent projects, adapt designs in response to changing field conditions or mission requirements, perform advanced engineering calculations using standard formulas, and accurately record factual data during testing and observation studies. Candidates must be able to research, interpret, and apply the Louisiana Military Department Contract General Conditions and Front-End Documents, Louisiana Public Bid Law and bid-opening procedures, Louisiana Army National Guard Guiding Principles for Facilities, applicable Unified Facilities Criteria for building design, and Army National Guard Design Guides in the 415 series.

GENERAL REQUIREMENTS:

- Must have a valid Driver's License, Social Security Card and Birth Certificate.
- Must qualify to obtain a Department of Defense Common Access Card (CAC) Card.
- Must be available to report to duty during emergency or disaster situations. Other periodic travel may be required.
- Must meet physical requirements to perform functions of the position.
- Must attend/complete all Louisiana Military Department (LMD) annual training and other training required for the position.
- Must adhere to the Code of Ethics and foster a Sexual Harassment-Free Environment.

CONDITIONS OF EMPLOYMENT: By submitting an application for employment with the Military Department, the applicant agrees to the following conditions of employment:

- All LMD positions require in-office attendance. This is not a remote position.
- Salary is paid by Electronic Funds Transfer (EFT) / Direct Deposit Only. A checking or savings account is is required for employment.
- For positions requiring computer/email access selected applicant must qualify to obtain a Department of Defense Common Access Card (CAC) Card and maintain eligibility
- LMD is a substance abuse and drug free workplace. The selected applicant must pass a pre-employment background investigation and pre-employment drug test. Thereafter, all employees are subject to random drug testing.
- To become an employee of the LMD you must be a current member of the Louisiana National Guard or eligible for membership in the Louisiana State Guard.
- The selected applicant must pass a pre-employment criminal background investigation prior to employment.

APPLICATION PROCEDURES: All Applicants must complete a LANG-LMD-H Form 10 (State Application) and attach a legible copy of their Official Birth Certificate, Driver's License and Social Security Card. Resumes are optional and will not be accepted unless they are submitted with the LANG-LMD-H Form 10 (State Application).

- **State Application:** The LANG-LMD-H Form 10 (State Application) is located at: http://geauxguard.la.gov/join-us/state-technician-vacancies

Application(s) must be submitted to the appropriate LMD Human Resources point of contact below by the Close Date, no later than 12:00 a.m. CST:

Mrs. Dawn Riess
LMD-HR (LANG-JB)
6400 Saint Claude New Orleans, LA 70117
E-mail: dawn.t.riess.nfg@army.mil