
Auburn University Job Description

Job Title: **Lead NCAT Driver**

Job Family: No Family

Job Code: **NB60**

Grade TR11 \$35,500 - \$53,300

FLSA status: Non-exempt

Job Summary

Reporting to the NCAT Test Track Manager, the Lead NCAT Driver serves as the point of contact onsite for track reconstruction, track maintenance, and fleet maintenance. Directs work crews in support of these activities, as well as performs rough and precision roadbed grading and material placement directly. Directs driver duties during fleet activities and ensures the diverse variety of fleet vehicles are maintained and operational. Engages in a wide variety of vehicle service and repairs as well as facilities maintenance and repairs. Performs fabrication in support of fleet maintenance, as well as research prototypes and devices. Carries out building repairs not significant enough to require a contractor by scope or code.

Essential Functions

1. Coordinates and operates a fleet of class 13 tractor-trailers on the NCAT Test Track to damage experimental pavements in a controlled environment, and to support vehicle component testing and fuel economy studies.
2. Performs preventative maintenance and repairs on research and operations fleet to include diesel tractors, heavy trailers, pick-up trucks, fork lifts, skid steers, and data collection vans. Performs fluid changes, brake service and repair, tire changes and mounting, hub service and repair, radiator repair, HVAC service and repair, cooling system repair, body work, welding, and electrical repair.
3. Serves as superintendent during Track maintenance and construction activities. Operates road construction equipment, including, but not limited to, bulldozers, smooth wheeled rollers, sheep's foot rollers, flat bed dump trucks, back hoes, motor graders, and front-end loaders. Ensures necessary equipment is onsite and operational to prevent delays in reconstruction schedule.
4. Operates a class 8 tractor-trailer to support autonomous vehicle studies in both closed road and open road environments. Ensures tests are performed with precise maneuvers to safely simulate emergency reactions of automated systems.
5. Directs work crews as a foreman engaged in various aspects of Track construction and maintenance.
6. Performs data collection in lab and on the Track using industry-standard procedures to include procedures pertaining to asphalt mixture production and testing such as sample fabrication, density testing, separation of mixture components, and verification of gradation and binder contents. Performs on-track data collection includes nuclear and electronic density testing, friction testing, sample extraction (coring), deformation (rutting) measurements, retro reflectivity, and albedo.
7. Performs other duties as assigned.

Supervisory Responsibility

Full supervisory responsibility for other employees is a major responsibility and includes training, evaluating, and making or recommending pay, promotion or other employment decisions.

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The above essential functions are representative of major duties of positions in this job classification. Specific duties and responsibilities may vary based upon departmental needs. Other duties may be assigned similar to the above consistent with the knowledge, skills and abilities required for the job. Not all of the duties may be assigned to a position.



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Minimum Required Education and Experience

	<u>Minimum</u>	<u>Focus of Education/Experience</u>
Education	High School	High School Diploma or equivalent.
Experience (yrs.)	4	Experience in tractor-trailers repair and operations, heavy equipment operation, road construction, and metal fabrication.

Substitutions allowed for Education:

Indicated education is required; no substitutions allowed.

Substitutions allowed for Experience:

Indicated experience is required; no substitutions allowed.

Minimum Required Knowledge

Advanced knowledge of safety procedures in the operation of tractor trailers. Advanced knowledge of operations of diesel powered tractor-trailer rigs. Knowledge of Class 8 and 13 trucks maintenance and other heavy construction equipment, fleet safety, fleet operations, fleet communication, data collection, Federal Motor Carrier Safety Administration regulations, and building maintenance.

Certification or Licensure Requirements

Commercial Drivers License (CDL) and three years MVR and criminal record check, must be insurable and posses a Medical Examiner's Certificate check.

Physical Requirements/ADA

Regularly involves lifting, bending or other physical exertion. Often exposed to one or more elements such as heat, cold, noise, dust, dirt, chemicals, etc., with one often to the point of being objectionable. Injuries may require professional treatment.

Routine deadlines; usually sufficient lead time; variance in work volume seasonal and predictable; priorities can be anticipated; some interruptions are present; involves occasional exposure to demands and pressures from persons other than immediate supervisor.

Job frequently requires standing, walking, reaching, climbing or balancing, stooping/kneeling/crouching/crawling, talking, hearing, handling objects with hands, and lifting up to 100 pounds.

Job occasionally requires sitting, and lifting more than 100 pounds.

Vision requirements: Ability to see information in print and/or electronically.

Date: 1/13/2022
