
Auburn University Job Description

Job Title: **NCAT Driver**

Job Family: No Family

Job Code: **NB59**

Grade TR10 \$34,400 - \$48,200

FLSA status: Non-exempt

Job Summary

Reporting to the National Center for Asphalt Technology (NCAT) Test Track Manager, the NCAT Driver operates a class 13 tractor trailer on the test track in support of NCAT pavement research and development. Performs data collection in support of pavement research.

Essential Functions

1. Operates a tractor-trailer on a 1.7 mile test track to support pavement research in a controlled environment and to support autonomous vehicle studies in both closed road and open road environments requiring precise maneuvers at times to safely simulate emergency reactions of automated systems.
2. Operates tractor-trailers to support vehicle component testing and fuel economy studies. Monitors operational changes that occur while operating the vehicle and communicate these with the trucking supervisor and/or track engineer. Ensures all freightliners are properly fueled.
3. Constructs test track placing roadbed materials by operating road construction equipment, such as: smooth wheeled rollers, sheep's foot rollers, flat bed dump trucks, and front-end loaders. Ensures pavement test sections must be constructed to research-grade specifications and precision well beyond those used on public roads.
4. Under guidance of the NCAT Engineer, performs data collection in the lab using industry-standard procedures to include asphalt mixture production and testing such as sample fabrication, density testing, separation of mixture components, and verification of gradation and binder contents.
5. Under guidance of the NCAT Engineer, performs data collection on-track using industry-standard procedures to include nuclear and electronic density testing, friction testing, sample extraction "coring", deformation "rutting" measurements, retro reflectivity, and albedo.
6. May perform minor and basic construction to the test track on an as needed basis and under direct supervision.

Supervisory Responsibility

May be responsible for training, assisting or assigning tasks to others. May provide input to performance reviews of other employees.

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.)	0	Experience in driving tractor-trailers.

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

Knowledge of safety procedures in the operation of tractor trailers. Knowledge of operations of diesel powered tractor-trailer rigs. Ability to grasp steering wheel and operate a gear stick and floor peddle. Ability to pass a basic vehicle control and road driving test administered by NCAT. Ability to identify common vehicle components.

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.

Must be able to complete an on-Track evaluation prior to being hired to determine proficiency.

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.

Work schedules, volume of work, or priorities seldom change; able to anticipate new work; minimum distractions or interruptions; seldom involves conflicting demands on time.

Job frequently requires sitting, reaching, climbing or balancing, talking, hearing, handling objects with hands, and lifting up to 100 pounds.

Job occasionally requires standing, walking, .

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

Date: 1/18/2022
