AUBURN
Human Resources

NCAT Driver

Job Description

JOB INFORMATION

Job Code	NB59
Job Description Title	NCAT Driver
Pay Grade	TR10
Range Minimum	$37,970
33rd %	$43,030
Range Midpoint	$45,560
67th %	$48,090
Range Maximum	$53,150
Exemption Status	Non-Exempt
Organizational use restricted to the following divisions	128 Samuel Ginn Col of Engineering
Approved Date:	1/1/1900 12:00:00 AM
Legacy Date Last Edited	1/18/2022

JOB FAMILY AND FUNCTION

Job Family:	Transportation
Job Function:	Fleet Management

JOB SUMMARY

Reporting to the National Center for Asphalt Technology (NCAT) shift supervisor, 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.

RESPONSIBILITIES

- 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.
- 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.
- 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.
- 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.
- 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.
- May perform minor and basic construction to the test track on an as needed basis and under direct supervision.

The responsibilities listed above show the typical duties for jobs in this classification. Actual tasks may differ depending on the department's needs. Other similar duties may be assigned with discretion of the supervisor. Not every duty will apply to every position, and the amount of time spent on each task can change based on department needs.

SUPERVISORY RESPONSIBILITIES

Supervisory Responsibility	No supervisory responsibilities.

MINIMUM QUALIFICATIONS

To be eligible, an individual must meet all minimum requirements which are representative of the knowledge, skills, and abilities typically expected to be successful in the role. For education and experience, minimum requirements are listed on the top row below. If substitutions are available, they will be listed on subsequent rows and may only to be utilized when the candidate does not meet the minimum requirements.

MINIMUM EDUCATION & EXPERIENCE

Education Level	Focus of Education		Years of Experience	Focus of Experience	
High School Diploma or GED	High School Diploma or equivalent.	and	0 years of	Experience in driving tractor-trailers.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

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.	

MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/ Desired	
DL NUMBER - Driver License, Valid and in State	Commercial Drivers License (CDL)	Upon Hire	Required	And
	Three years MVR and criminal record check	Upon Hire	Required	And
	Must be insurable and posses a Medical Examiner's Certificate.	Upon Hire	Required	And
	Must be able to complete an on-Track evaluation prior to being hired to determine proficiency.	Upon Hire	Required	

REQUIRED PRE-EMPLOYMENT/ONGOING SCREENINGS

Motor Vehicle Record (MVR); Pre-Employment Drug Screening; General Physical Exam; Respiratory Physical Exam

PHYSICAL DEMANDS & WORKING CONDITIONS

Physical Demands Category:	Other

PHYSICAL DEMANDS

Physical Demand	Never	Rarely	Occasionally	Frequently	Constantly	Weight
Standing			X			
Walking			X			
Sitting					X	
Lifting	X					
Climbing				X		
Stooping/ Kneeling/ Crouching		X				
Reaching				X		

PHYSICAL DEMANDS

Physical Demand	Never	Rarely	Occasionally	Frequently	Constantly	Weight
Talking				X		
Hearing				X		
Repetitive Motions				X		
Eye/Hand/Foot Coordination				X		

WORKING ENVIRONMENT

Working Condition	Never	Rarely	Occasionally	Frequently	Constantly
Extreme cold				X	
Extreme heat				X	
Humidity				X	
Wet				X	
Noise				X	
Hazards				X	
Temperature Change				X	
Atmospheric Conditions				X	
Vibration				X	

Vision Requirements:

Ability to see information in print and/or electronically.