



JOB DESCRIPTION			
JOB TITLE:	Construction Materials Testing Technician	SUPERVISORY STATUS:	None
DEPARTMENT:	Quality Control	FLSA STATUS:	Non-Exempt
REPORTS TO:	Quality Control Manager	CLASSIFICATION:	Full Time. 5+/40+
DATE:	February 28, 2025		SEASONAL

GENERAL SUMMARY
<p>Sample and perform laboratory and field testing on concrete, asphalt, soil, aggregate, block and cement to ensure compliance with ASTM/ ACI specifications and standards in a fast-paced quality control laboratory. This position requires the ability to represent Anchorage Sand & Gravel to customers and third-party agencies. Prepare reports as directed for internal distribution and/ or specific agencies.</p>
REQUIREMENTS
<ul style="list-style-type: none"> • Must have good math, record keeping, problem solving and computer skills. • Ability to lift 50 lbs and perform physical labor. • Willing to work 6 days a week, long hours and early start times while maintaining a positive attitude. • High School Diploma. • Valid Alaska Driver's License. • Basic understanding of computers and excel spreadsheets. • ACI, NICET, NCMA and WAQTC certification is preferred. • Prior experience testing materials in the lab and field is valuable; however, training and certification opportunities will be provided. • Professional and courteous attitude towards team members as well as customers and third-party agencies.

PHYSICAL DEMANDS (The following chart indicates the type, amount and frequency of physical effort typically required to perform the essential functions of the job acceptably; including the work positions in which the effort is applied. Physical effort refers to manual effort and the following identifies the normal amount of time performing the task.
<p>Frequency Options: O = Occasionally 1%-33% F = Frequently 34%-66% C = Continuously 67%-100% N/A=Not Applicable</p>

LIFTING Raising an object from one level to another					CARRYING Transporting an object, usually holding in hands, arms or on the shoulder				
<1 lb	1-5 lbs	5-25 lbs	25-60 lbs	>60 lbs	<1 lbs	1-5 lbs	5-25 lbs	25-60 lbs	>60 lbs
C	C	C	C	C	C	C	C	C	C



STRENGTH REQUIREMENTS – MAXIMUM SAFE LEVEL OF PERFORMANCE	Very Heavy >100 lbs	Heavy 100-51 lbs	Medium 50-21 lbs	Light 20-11 lbs	Sedentary 10-0 lbs
FLOOR TO WAIST —raising an object from floor to waist height (include upward pulling)		O	F	F	F
WAIST TO EYE LEVEL —raising an object from waist to eye level height (include upward pulling)		O	O	O	O
BILATERAL CARRYING —transporting an object, usually holding in hands or arms in front of body		O	O	O	O
UNILATERAL CARRYING —transporting an object, usually holding in hands or arms on side of body		F	F	F	F
PUSHING —exerting force upon an object so that the object moves away from the force		O	O	O	O
PULLING —exerting force upon an object so that object moves toward the force (include jerking)		O	O	O	O

Frequency (O, F, C, N/A)	PHYSICAL & ENVIRONMENTAL REQUIREMENTS	ADDITIONAL DETAILS
O	ARMS OVER HEAD – raising arms above head to lift or reach objects	
F - C	SITTING – remaining in a seated position	
F	ATMOSPHERIC CONDITIONS – exposure to such conditions as fumes, noxious odors, dusts, mists, gases and poor ventilation that may otherwise affect the eyes, skin or respiratory	
O	BALANCING – maintaining body equilibrium when walking, standing, crouching or running on narrow, slippery or erratically moving surfaces	
F - C	BENT WRISTS – bending wrists in any direction to perform tasks	
F	CLIMBING – ascending or descending ladders, stairs, ramps, scaffolding, poles and the like, using feet & legs and/or hands and arms. Bodily agility is emphasized.	
O	CRAWLING – moving about on hands and knees or hands and feet	
O	CROUCHING: bending the body downward and forward by bending leg and spine	
O	EXTREME TEMPERATURES – exposure to cold or hot temperatures	Both Hot & Cold
F	FEELING – perceiving attributes of objects such as size, shape, temperature or texture, by touching with skin, particularly that of fingertips	
F	FINGERING – picking, pinching or otherwise working primarily with fingers rather than with the whole hand or arm as in handling	
C	HANDLING – seizing, holding, grasping, turning or otherwise working with hand(s). Fingers involved only to extent that they are an extension of the hand	
C	HEAD MOVEMENT/ROTATION – moving head in any direction (up, down, side to side), requiring full use of neck and upper back muscles	
C	HEARING: Perceiving the nature of sounds with no less than a 40 db loss @ 500 Hz, 1,000 H and 2,000 HZ with or without correction. Ability to receive detailed info through oral communication and detect small differences in sounds, such as when making fine adjustments to machined parts	Double hearing protection required
O	HIGH, EXPOSED PLACES – exposure to falling	
O	KNEELING – bending legs at knees to come to rest on knee or knees	
C	NOISE LEVEL INTENSITY –Very Quiet (isolation booth), Quiet (library, private office), Moderate (business office), Loud (heavy equip operation), Very Loud (jack hammer operation)	Loud



O	PROXIMITY TO MOVING PARTS – exposure to moving parts of equipment, tools or machinery.	
F	REACHING – ARM/ELBOW MOVEMENTS – extending hand(s) and arm(s) in any direction including bending at the elbow	
O	SQUATTING – bending legs at knees to come to rest thighs on calves	
O	STANDING – remaining on feet in an upright position without moving about	
F	STOOPING – Bending body downward and forward by bending spine at the waist. Important if occurs to a considerable degree and requires full use of lower extremities and back muscles.	
F	TOXIC, CAUSTIC CHEMICAL – exposure to toxic or caustic chemicals	
O	TRUNK ROTATION – STANDING OR SITTING – rotating torso	Both Sitting & Standing
F	WALKING - UNEVEN – moving body on foot on uneven surface (ground)	
C	WEATHER CONDITIONS – exposure to outside atmospheric conditions	
F	WET/HUMID – contact with water or other liquids or exposure to humid conditions	
C	VIBRATION – exposure to shaking object or surface	
C	VISION – Visual acuity, color vision, depth perception visual perception of detail at distances close to the eyes; data and figures, computer terminal; visual inspection involving small defects, small parts, operation/repair of machines; visual perception involving distances at or within arm's reach (mechanics, machine operations); Visual perception involving extended distances (such as required by equipment operators)	

MENTAL DEMANDS

The following charts indicate the type of mental demands typically required to perform the essential functions of the job.)

APPLICABLE	MENTAL REQUIREMENT	ADDITIONAL DETAILS
X	Communication Skills: Written and Verbal	
X	Handling Conflict	
X	Handling Multiple Priorities	
X	Make non-routine or unexpected judgments	
X	Math Skills: Basic or advanced	Basic
X	Operate in absence of clear expectations or procedures	
X	Operate under short time frames/deadlines	
X	Public Contact	
X	Reading Skills: Basic or technical	
X	Reasoning: Applying or developing procedure	
	Other	

NOTICE: Because of the nature of work at Anchorage Sand & Gravel, the person in this position may be expected to work any shift and at various locations based on company needs and the duties of the position may change at any time and may not be identified in this job description. The content of the job description is intended to describe the general nature and level of work being performed by employees assigned to this classification. It is not intended to be construed as a contract or an all-inclusive list of all responsibilities, duties, and/or skills and abilities required of all personnel so classified. Critical features of this job are described above, but they are subject to change due to reasonable accommodation or other reasons.



ANCHORAGE SAND and GRAVEL CO., INC.
 1040 O'Malley Road • Anchorage, AK 99515 • Toll-free: (888) 349-3133 • Phone: (907) 349-3333
 Fax: (907) 344-2844 • www.anchsand.com



BENEFITS

- Paid Overtime and holidays.
- Medical/ Dental/ Vision insurance.
- 401(k) Plan. Bonus Plan* and Profit Sharing Plan* (*dependent on hours worked)
- Health Saving Account (HSA).

AS&G is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, protected veteran status or other legally protected status.
AS&G is a drug free workplace; passing a drug and alcohol test will be required prior to employment.
Random drug testing during employment.

Please apply online: www.anchsand.com/jobs

or by mail:

Anchorage Sand & Gravel Co., Inc.
 Attn. Xavier Schlee, Manager
 1040 O'Malley Road, Anchorage, AK 99515

Job Description Acknowledgement – Construction Materials Testing Technician

I have reviewed the job description and I understand all my job duties and responsibilities. I am able to perform the essential functions that include physical & environmental requirements as outlined in the above job description. I understand that my job may change on a temporary or regular basis according to the needs of my department without it being specifically included in the job description. If I have any questions about job duties not specified on this description, that I am asked to perform, I should discuss them with my immediate supervisor or the Human Resource Manager.

Employee's Signature

Date

Employee's Name (please print)

Human Resource/ Manager

Date