



**JOB INFORMATION**

Job Code	NB20
Job Description Title	Insulator, Mechanical
Pay Grade	ST11
Range Minimum	\$39,510
33rd %	\$46,090
Range Midpoint	\$49,380
67th %	\$52,670
Range Maximum	\$59,260
Exemption Status	Non-Exempt
Approved Date:	1/1/1900 12:00:00 AM
Legacy Date Last Edited	1/9/2019

**JOB FAMILY AND FUNCTION**

Job Family:	Production & Skilled Trades
Job Function:	HVAC

**JOB SUMMARY**

Responsible for installing insulation on new units and repairing existing insulation on various piping, HVAC, and plumbing systems including, but not limited to, steam pipes, chill water pipes, domestic water, air handlers, tanks, ducts, boilers, valves, and hot water pipes.

**RESPONSIBILITIES**

- Provides preventative maintenance inspections of existing buildings and building insulation systems across campus and performs needed repairs of existing insulation components. Collaborates and works with other maintenance personnel to complete repairs as needed.
- Determines the appropriate type, size, and adhesive for insulation application in compliance with design and industry standards including, but not limited to, cellular glass, polyurethane, and fiberglass insulation.
- Installs new insulation on pumps, boilers, tanks, ductwork, steam piping, and other systems. Responsible for inspecting the quality of insulation work performed by outside contractors.
- Assists technicians with the installation of HVAC and plumbing systems. Installs ductwork, fans, motors, pumps, and piping to support crews when additional manpower is needed.
- Cleans equipment, tools, and shop area including the disposal of hazardous materials such as mold and asbestos infected insulation.
- May assist in the fabrication and installation of sheet metal products.
- May be required to respond to emergency service needs outside of normal operating hours.

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	May be responsible for training, assisting or assigning tasks to others. May provide input to performance reviews of other employees.
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**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 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	High School Diploma or equivalent	and	2 years of	Experience with insulation in new system installs and/or existing systems.	

## MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Knowledge of insulation methods and install processes.	
Knowledge of different types, sizes, and applications of insulation.	
Working knowledge of design and industry standards for insulation as compared to pipe size.	

## MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/Desired	
DL NUMBER - Driver License, Valid and in State	Any State	Upon Hire	Required	And
	Must obtain Asbestos Abatement Worker Certification	within 180 Days	Required	

## PHYSICAL DEMANDS & WORKING CONDITIONS

Physical Demands Category:	Other
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## 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	
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	

## WORKING ENVIRONMENT

Working Condition	Never	Rarely	Occasionally	Frequently	Constantly
Atmospheric Conditions				X	
Vibration				X	

### **Vision Requirements:**

Ability to see information in print and/or electronically.