

Niagara Transformer

Functional Job Description

Job Title:	Tanking
Work Hours:	Typical schedule: Full time 8 hour /day 40/hour /week 30-minute lunch Occasional overtime
General Description of Duties: (Job duties include, but, are not limited to the following)	<p>Job Description – Tanking</p> <ul style="list-style-type: none"> • Perform mechanical operations necessary in transformer assembly, tanking and wiring • Read and interpret prints, wiring schematics and written instructions • Usage of various electrical devices to test control wiring • Work off of ladders, lifts and scaffolds • Ability to work on high platforms and in tight spaces • Use tools such as saws, grinders, drill presses, etc., safely and with efficiency • Lay out, cut, thread and bend conduit • Solder, braze, aluminum weld and pass a test for certification • Candidate will be trained in the use of fork trucks and cranes • Interpret and carry out verbal instructions from designated persons or supervisors • Ability to meet the company's standards for safety, quality and quantity of work • Must have own tools •
Essential Minimum Physical Demand Job Requirements: With physical demand characteristics attached:	<p>Postural</p> <ul style="list-style-type: none"> • Standing continuously • Walking frequently • Working above shoulder height frequent • Forward bending in standing frequent • Rotation in standing frequent • Working in confined spaces occasionally • Ladder climbing frequently • Mobile stair climbing frequently • Confined spaces. <p>Dexterity</p> <ul style="list-style-type: none"> • High level of hand coordination for tool use • High level of hand coordination it preforms assemble activates • Above average grip strength for tool use • Above average pinch strength for lifting core steel <p>Agility-Material Handling</p> <ul style="list-style-type: none"> • Lifting coils from floor to waist weighting up to 80# occasionally • Lifting man hole covers weighing up to 60#

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Physical Demand Strength Rating: HEAVY

**PHYSICAL DEMAND CHARACTERISTICS OF WORK FOR THE POSITION OF
Tanking**

DEMAND LEVEL:	O= OCCASSIONAL 1-33% of Workday	F= FREQUENT 34-66% of Workday	C=CONTINUOUS 67-100% of Workday
SEDENTARY	0-10 pounds	NEGLIGIBLE	NEGLIGIBLE
LIGHT	11-20 pounds	0-10 pounds	NEGLIGIBLE
MEDIUM	21-50 pounds	11-20 pounds	0-10 pounds
HEAVY	51-100 pounds	21-50 pounds	11-20 pounds
VERY HEAVY	OVER 100 pounds	51-100 pounds	21-50 pounds

ESSENTIAL DEMANDS / FUNCTION LIST

NON-MATERIAL HANDLING ACTIVITIES	N	O	F	C	LIFTING		N	O	F	C
Crawling,		X			0-10 pounds				X	
Sitting			X		11-25 pounds				X	
Standing				X	26-35 pounds				X	
Walking			X		36-50 pounds			X		
Stair Climbing		X			51-75 pounds			X		
Ladder Climbing			X		76-100 pounds			X		
Balance				X	100 pounds +		X			
Crouch		X								
Repetitive Squatting		X			Push Force 30#	Up to 50'		X		
Kneeling		X			Pull Force 30#	Up to 50'		X		

Reaching Forward			X						
Reaching Overhead			X		CARRYING	Distance			
Forward Bending: Sitting	X				0-10 pounds	Up to 10'		X	
Forward bending: Standing			X		11-25 pounds	Up to 10'		X	
Static Bending			X		26-50 pounds				
Foot Operation: Left Only					51-75 pounds				
Foot Operation: Right Only					76-100 pounds				
Foot Operation: Both/Either					100 pounds +				
Stepping Up/Down			X						

N = Never, O = Occasional, F = Frequent, C = Constant, F# = Force #

HAND/ARM USE	N	O	F	C	Left Only	Right Only	Both/Dominant
Pinch			X				X
Grip			X				X
Fine Manipulations			X				X
Finger press			X				X
Keyboard		X					X
Tamping			X				X
Tool Use				X			X

EXPOSURES:	X	Noise 82db (a)	X	Vibration: Hands		Cold < 45EF
		Dust		Chemicals		Heat > 85° F
		Dampness	X	Jarring	X	Height < 3'
		Whole Body Vibration	X	Confined space	X	Height >48"

PROTECTIVE EQUIPMENT	X	Foot Protection, hard sole non-skid work shoe		N95 Respirator or PAPR
REQUIRED:	X	Eye Protection,	X	Gloves,
	X	Hearing Protection	X	Fall protection

SENSORY FUNCTIONS	X	Light Touch	X	Seeing
ESSENTIAL FOR SAFETY:	X	Depth Perception	X	Hearing
	X	Writing	X	Reading
	X	Speaking	X	Work Independently
	X	Color Discrimination		

Physical Demand Characteristics

This job is rated a **heavy**. This rating is set forth by **The United States Department of Labor**.

Skills or Specialization Required

Must be able to safely work with power tools

Must be able to follow directions and read instructions

Good math skills, able to read a tape measure and take accurate measurements

Environmental Considerations

Completed By:

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Date: 07/27/2018