

Concrete III

Reports to: Project Superintendent or Concrete Superintendent Department: Field Operations
Date: 6/21/10

Job Function: Must be proficient at the **Concrete II** level, in addition to performing all production concrete duties including the following:

Duties and Responsibilities:

1. Be able to sort and stock, to the correct areas, post tension cables from drawings supplied by the foreman; be able to correctly layout post tension rebar and place in the correct elevations as per plan.
2. Be able to perform concrete layout activities with staking, drylines, nails, ribbon and paint. Be able to establish elevations from benchmarks in feet and inches and tenths scale in order to set heights at the top of footings, walls, columns, slabs, curbs, etc.
3. Be able to assist in production standards, run crews consisting of 3 or more people and perform tool box talks pertaining to job specific items.
4. **Wall Track:** Without supervision, and with foreman supplied drawings, be able to hand-set and gang-form all wall systems; be able to properly install wall, column, footings, and slab accessories (ie: brick ledge, rebar dowels, weld plates, elevator inserts, door bucks, window bucks, mechanical sleeving, etc.) from foreman supplied drawings; be able to establish footing, wall, and column lines from pre-set grid points.

Finish Track: Become aware of mix designs, add mixtures and accelerators as they are being implemented on the jobsite by the foreman and Supt.; be able to assist with specialty concrete duties (stamping & pervious); be able to run and efficiently operate riding trowelers to achieve desired slab finishes.

5. Leading by example, understand and enforce _____ safety standards.
6. Perform any other duties as assigned.

Concrete II: Be able to set hand-set shoring and pre-formed tables; be able to roll and install post tension cable systems achieving tensioning specs; be able to form sidewalks, slabs, columns, curb & gutter and approaches; be able to achieve compaction on subgrades; be able to figure concrete yardage.

Wall Track: With supervision, be able to hand-set and gang form all wall systems; be able to plumb, brace, and straighten walls systems; be able to pre-tie and erect, or tie in place wall, column, and pad rebar; be able to install post tension rebar.

Finish Track: Be able to layout and saw cut slabs for joint crack control; be able to rub and patch finish concrete areas; be able to achieve hard trowel, broom, and bull float finishes on walls, slab on grades, curbs, and elevated slabs; be able to finish pan stairs; be able to run and efficiently operate walk-behind power trowelers to achieve desired slab finishes.

Concrete I: Be able to perform concrete winter protection enclosures; be able to perform concrete demolition and removal work using saws and jackhammers; be able to rough and fine grade for footings, pads and slabs; be able to sort and inventory rebar piles and erect footing rebar; be able to assist with post tension rebar installation; be able to distribute and install vapor barrier, expansion materials and wire mesh for slabs; be able to perform rough grout patching; be able to perform deep excavation slope protection; be able to set-up and operate dewatering systems; be able to install drain tile

Wall Track: Be able to assist with hand-set and gang form wall systems including symons, ellis, aluma panels and duraform; be able to place concrete for walls, footings, pads, mud slabs, slab on grades, elevated decks and columns.

Finish Track: Be able to hand-float footings, pads, and mud slabs; be able to pour pan stairs at a production level.

Education: High School diploma or equivalent.

Preferred Education: High School diploma.

Minimum Experience: 3 years concrete experience.

Preferred Experience: 5+ years concrete experience.

Attributes:

Organization Skills	Flexibility
Good Judgment	Adaptability
Communication Skills	Time Management
Focused	Dependable
Thorough	Consistent
Attention to Detail	Attentive Listener
Results Oriented	

Administrative Skills: Strong organizational skills.
Ability to communicate effectively with all levels.
Ability to follow policy and procedures.
Ability to exercise independent judgment.
Ability to function in a high paced environment.

PHYSICAL DEMANDS

ACTIVITY	FREQUENCY				ACTIVITY	FREQUENCY			
	N	O	F	C		N	O	F	C
Time Spent					Vision/Dexterity				
Spend Time Sitting		X			Manual Dexterity			X	
Spend Time Standing				X	Finger Dexterity			X	
Spend Time Walking			X		Wrist-Finger Speed		X		
Spend Time Bending or Twisting the Body			X		Peripheral Vision			X	
Spend Time Kneeling, Crouching, Stooping, or Crawling			X		Far Vision			X	
Spend Time Climbing Ladders, Scaffolds			X		Visual Color Discrimination		X		
Spend Time Keeping or Regaining Balance		X			Depth Perception			X	
Spend Time Making Repetitive Motions			X		Skills				
Lift/Carry					Reading Comprehension		X		
Lift/Carry 10 lbs or less				X	Writing		X		
Lift/Carry 11-15 lbs			X		Letters and Memos	X			
Lift/Carry 16-20 lbs			X		Electronic Mail	X			
Lift/Carry 21-40 lbs			X		Speaking			X	
Lift/Carry 41-50 lbs			X		Public Speaking		X		
Lift/Carry 50-100+ lbs		X			Active Listening			X	
Push/Pull					Complex Problem Solving		X		
Push/Pull 12 lbs or less				X	Contact With Others				X
Push/Pull 13-20 lbs			X		Exposure				
Push/Pull 21-40 lbs			X		Very Hot or Cold Temperatures			X	
Push/Pull 41-100 lbs		X			Exposed to High Places			X	
					Exposed to Hazardous Conditions			X	
					Exposed to Disease or Infections	X			
					Sounds, Noise Levels Are Distracting or Uncomfortable			X	
					Exposed to Whole Body Vibration		X		
					Operating Vehicles, Mechanized Devices, or Equipment			X	

Key:

N – Never

O – Occasionally; 1-33% of time

F – Frequently; 34-66% of time

C – Constantly; 67-100% of time