

Injury Illness Prevention Program

Foreman

<u>Safety</u>

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Safety Vision Statement

At Blazona Concrete Construction we maintain a safe and effective work environment for all. Company management and supervisors share the responsibility of establishing a safe work environment whether it is in the office or on a job site. Site supervisors will identify hazards and enforce company safety policies on the job to eliminate unsafe conditions. Office employees will follow a similar method and will be expected to enforce good housekeeping and ergonomics. Employees are responsible for following safety policies, best practices, and procedures to identify, report, and correct any potential hazards in the workplace. The Safety and health of our employees is an integral part of all company processes. Blazona Concrete Construction's top priority and goal is to create a safety-first mindset with our employees.

J. Dennis Blazona President

Adrian J. Vela Safety Manager

TRAINING / INSTRUCTION

Training will be provided upon hiring, when new policies or procedures are implemented, when a new job hazard is identified, when a new tool, piece of equipment or material (substance) is required to perform a job task. Training will also be provided before a new task or assignment. Managers, Supervisors, and employees will be trained on near misses as they happen, frequent accidents, and job hazards. Training will develop an understanding of how to observe, correct, and address job hazards to maintain a safe work environment. Training will promote safety communication, encourage safety suggestions, make employees aware of job hazards, and provide employees with an active role in safety. A copy of the code of safe practices and IIPP will be provided on the date of hire.



POLICY STATEMENT ON SAFETY

The management of this company is very interested in working with you to provide a safe place in which to work. The prevention of accidents and injuries to our employees is the prime objective.

All company personnel are expected to take an active and continuous interest in the prevention of accidents. Employees are expected to use safe work practices to preserve their own health and safety as well as fellow employees. In order to maintain a successful safety program, all employees must do their part to minimize accidents.

Please show your support by demonstrating the following:

- 1. OBSERVING COMPANY SAFETY RULES.
- 2. KEEPING WORK AREAS FREE OF UNSAFE CONDITIONS.
- 3. AVOIDING AND ELIMINATING UNSAFE ACTS.
- 4. PROMPTLY REPORTING UNSAFE ACTS AND CONDITIONS.
- 5. REPORTING ALL ACCIDENTS IMMEDIATELY.

Accidents cause suffering and pain. We value each employee as individuals and hope you will cooperate with us in this important endeavor.

Any constructive criticism or suggestions toward improving safety on any of our jobs will be given prompt and careful consideration.

Sincerely,

BLAZONA CONCRETE CONSTRUCTION, INC.

J. Dennis Blazona, President

Adrian J. Vela, Safety Manager



Authority & Responsibility

Success in safety and injury and illness prevention can be achieved with active interest, participation, and accountability at all levels of the organization. Employees will be responsible for but not limited to the following safety responsibilities.

Management:

Commitment and participation in safety and maintaining the company safety program, establishing accountability and avoiding a poor safety record by communicating a clear understanding of the safety policies. Attendance at company safety functions, review accident reports and safety activity. Provide support and set a good example by following company safety policies.

Safety Manager:

Maintain the company safety program by communicating a clear understanding of policies and procedures regarding safety implementation, monitoring, and revisions. Inform management of proposed safety and health recommendations. Provide safety trainings to managers, supervisors and employees when hired and when changes are introduced to the workplace. Compile and distribute safety and health information to employees. Conduct hazard inspections, work with Foreman to maintain job site safety, analyze accident investigations, and developing safety policies and procedures. Evaluate safety programs for effectiveness, coordinate safety activities and assure compliance with government regulations. Provide safety progress reports to management and supervisors to maintain active involvement at all levels.



Supervisors:

Have direct responsibility of employee safety. Supervisors will enforce safety rules, conduct safety inspections, and correct unsafe work practices and conditions. Provide training to new employees and existing employees when procedures or functions change. Prepare accident reports and implement and monitor corrective procedures. Ensure tools and equipment are in proper working order with all safeguards in place.

Employees:

Will abide safety rules, procedures, and follow the code of safe work practices to ensure their safety and the safety of others. Observe and report hazards to fellow employees and supervisors. Always wear proper PPE. Employees will not operate any tools or equipment prior to receiving training. Actively support the safety program and are encouraged to make suggestions or share concerns regarding safety.

COMMUNICATION

To maintain employee involvement, the company requires the Safety manager and Supervisors to clearly communicate safety instructions between management and employees regarding recognition, highlights, and changes to the program. Periodic safety meetings and weekly tailgate talks will be provided, and employees are encouraged to express concerns or make suggestions during these meetings. The safety officer will also use memos, postings, and payroll stuffers to communicate changes, improvements, or identified hazards. New employee safety orientation will be performed at the time of hiring and a copy of the Code of Safe Practices, and IIPP will be provided to the employee. Any employee expressing concern or submitting notification of a job hazard will not be discriminated against and can do so anonymously with any supervisor's truck or in the mail slot at each office location. All employee concerns will be brought to the Safety manager's attention and properly answered verbally or in writing as stated above.



HAZARD IDENTIFICATION AND ASSESSMENT

To assist in the identification and correction of hazards, the company has developed the following procedures. These procedures have been implemented to guard against injury from recognized and potential hazards in the workplace. As new hazards are identified, improved work procedures will be developed, and new procedures will be promptly incorporated into our Safety Manual. The following methods will be utilized to identify hazards in the workplace:

- Loss analysis of accident trends
- Accident Investigation Hazard correction
- Employee observation and suggestions
- Outside agencies such as the fire department, insurance carriers, job Superintendents
- Periodic safety inspections JHA (job hazard assessments)

Employee Observation

Supervisors and Foremen shall continually observe employees for unsafe actions, or conditions that develop and take corrective action as necessary.

Employee Suggestions

Employees are encouraged to report any hazard they observe to their supervisor. No employee will be disciplined or discharged for reporting any workplace hazard or unsafe condition. However, employees who do NOT report potential hazards or unsafe conditions that they are made aware of will be subject to disciplinary action.

<u>COMPLIANCE</u>

Compliance of the company Safety Policies, Manual, and IIPP is mandatory at all levels of employment. The following will be used to keep a clear understanding of all safety rules.

- Training and retraining
- Disciplinary action for not following safety rules and policies
- Safety recognition
- Observation by supervisors and other employees

Supervisors, including job Foreman, will monitor employee work methods and safety. The Safety Manager will observe the Supervisors and job Foreman methods of monitoring safety at



job sites. Employees are encouraged to observe and watch out for each other for hazards and safety concerns. Supervisors, job Foreman, and the Safety Manager are authorized to write up employees who have violated any company policy or procedure. An employee shall not be written up just because he or she was hurt in an accident.

<u>Disciplinary course of action:</u>

- 1. Verbal Warning
- 2. Written Warning Training
- 3. Sit down evaluation with Supervisor and Management

The course of action above can change due to the severity of the violation. Failure to comply with safety policies can have a serious impact on everyone; it can result in death of themselves and others. At that time an investigation will be done with a complete evaluation of how the incident occurred along with the employee's safety history. All of this will be considered to determine the proper course of disciplinary action. When an employee has been observed in an unsafe act, he / she will be retrained in the proper method.

<u>Failure to promptly report any</u> on the job accident, injury, or hazard leading to an employee Injury is a serious violation of the Code of safe practices and will result in disciplinary action.

HAZARD CORRECTION & CONTROL

A hazard is any unsafe working condition, act, or substance that can cause bodily harm or result in injury or illness. To avoid hazards we complete the following procedures.

- JHA (job hazard assessment) a copy will be kept with the Foreman & Safety Manager
- Safety Accident Incident inspections with copies to Safety Manager
- Documented Corrective action taken and a safety talk regarding the correction
- Continues observation from Supervisors, job Foreman, and Safety Manager
- Identify job classes and their hazards common and not (ex. Chemical, Electrical, Fire or explosive, Ergonomics, are all safety hazards)

<u>All Hazards and injuries will be reported,</u> documented, and turned into Human Resource. The Safety Manager will investigate with all employees involved and Supervisors to find a root cause analysis of the incident to make the proper correction through training or change of method. Corrective procedure will be announced through safety talks, memo, and postings.



ACCIDENT ILLNESS INVESTIGATION

Managers, Supervisors, and Safety Manager will investigate all work-related accidents, incidents, illness, and injury in a timely manner. This includes near misses, damage to equipment, facilities, property, and or material. Investigations will start as soon as the designated individual is notified of the incident. The purpose of the investigation is to determine the root cause, so the proper corrective method can be taken to prevent future occurrence. This also helps monitor the types of accidents and job hazards we encounter so we can apply proper training. Implementation of these investigations promotes a well maintained and effective safety program for our employees.

Why do we investigate?

- To prevent or decrease the likelihood of similar accidents
- To identify and correct unsafe work practices, and hazards
- To identify the type of training needed

What type of incidents do we investigate?

- Fatalities
- Injuries Serious / Minor
- Damage to property equipment facilities material
- Near misses

Procedure

A form with step by step instructions will guide you through the investigation. Upon being notified of an incident make sure the employee is given the proper attention and notify HR at the main office. Examine the scene as soon as possible and make sure no one else can get hurt or prevent further damage. Interview the employee depending on the severity you maybe only able to interview witnesses get a detailed description. What transpired before, during, and after the incident? If possible, take pictures draw diagrams or anything that will give a clear understanding of the incident. Make sure everyone signs and dates the form.



Then develop an analysis of what happened and determine the root cause. Was there not adequate training? Was it an unsafe work act? Was the wrong tool being used or wrong method? The focus must be on how the accident happened, and not just on the injury.

Now develop, implement, and maintain a corrective procedure to the incident to prevent future incidents.

HR will notify WC or insurance carrier of all incidents

Cal-OSHA will be notified immediately when serious injury or fatalities occur

Employees access to IIPP program

All Supervisors, Managers, and Crew Leaders are provided a company smart phone on the phone will be a Shared drive to our Safety Information i.e. IIPP, Code of Safe Practices, HIPP, Fleet and Driver Safety, etc. This site will contain both English and Spanish translations and will be available upon request of any employee to their Supervisor or Crew Leader.



RECORDKEEPING

The program administrator will ensure the maintenance of all Safety Program records, for the listed periods, including:

1. New Employee Safety Orientation forms	length of employment
2. Code of Safe Practices Receipt	length of employment
3. Disciplinary actions for safety	1 year
4. Safety inspections	2 years
5. Safety meeting reports	2 years
6. Safety Contact Reports	2 years
7. Accident Investigations	5 years
8. Federal or State OSHA log of injuries	5 years
9. Inventory of Hazardous Materials (if any)	every year
10. Employee exposure or medical records	Term of employment

Records are available for review at main office.



Safety Team

Blazona Concrete Construction will have a Safety team at each Division. The teams will consist of the Company Safety manager, two members of upper management, two job foremen, and two field employees. Blazona Concrete will rotate quarterly the job foreman and field employees so that all employees can take an active role in Safety and get a better understanding of facilitating our companies' safety policies and procedures. Our Safety Teams will have the responsibility of accident investigation, training, and communicating Safety talks in regard to near misses or job hazards of rare occurrences and how to avoid them or what to do in case of, and high heat provisions.

Sacramento Division:	<u>Livermore Division:</u>
Rhett Havner- Vice President	Chris Garcia - Division Manager
916 870-5998	209 839-7447
Pete Guzman - Operations Manager	Rigoberto Gonzalez
916 997-3876	209 914-9393
Adrian Vela – Safety Officer	Juan C. Jacobo – Safety Manager
916 257-2764	925 895-0865
Job Foreman	Job Foreman
 Employee	Employee



CODE OF SAFE PRACTICES

These instructions will be mandatory for all employees in all positions of the company. Office personnel to field labor these are safety guide lines for your protection please follow them always.

Housekeeping

- 1. Use caution signs or cones to barricade slippery areas.
- 2. Do not store or leave items on Stairways.
- 3. Do not block or obstruct stairwells, exits, or accesses to safety and emergency equipment such as fire extinguishers or fire alarms, or first aid kits.

General

- 1. Do not place material such as boxes or trash in walkways and passageways.
- 2. Do not throw matches, cigarettes or other smoking materials into trash baskets.
- 3. Do not kick objects out of your pathway; move them to a safe location outside the pathway.
- 4. Keep floors clear of items such as paper clips, pencils, tacks, or staples.
- 5. Straighten or remove rugs and mats that do not lie flat on the floor.
- 6. Mop up water around drinking fountains and drink dispensing machines.
- 7. Do not block your view by carrying large or bulky items; use a dolly or hand truck or get assistance from a fellow employee.
- 8. Store sharp objects, such as pens, pencils, letter openers or scissors in drawers or with the points down in a container.
- 9. Carry pencils, scissors, and other sharp objects with the points down.
- 10. Use a ladder or step stool to retrieve or store items that are located above your head.
- 11. Do not run on stairs or take more than one—step at a time.
- 12. Keep doors in hallways fully open or fully closed.
- 13. Use handrails when ascending or descending stairs or ramps.
- 14. Obey all posted safety and danger signs.

Furniture Use

- 1. Open one file cabinet drawer at a time.
- 2. Close drawers and doors immediately after use.



- 3. Use the handle when closing doors, drawers, and files.
- 4. Put heavy files in the bottom drawers of file cabinets.
- 5. Do not tilt the chair you are sitting in on its back two legs.
- 6. Do not stand on furniture to reach high places.

Office Equipment

- 1. Do not use fans that have excessive vibration, frayed cords, or missing guards.
- 2. Do not place floor type fans or heaters in walkways, aisles, or doorways.
- 3. Do not connect multiple electrical devices into a single outlet.
- 4. Do not use damaged, frayed, cut, missing prongs or cracked electrical cords
- 5. Use a cord cover when running electrical or other cords across aisles, between desks or across entrances or exits.

Lifting Procedures

- 1. Test the weight of the load before lifting by pushing the load along its resting surface.
- 2. If the load is too heavy or bulky, use lifting and carrying aids such as hand trucks, dollies, pallet jacks and carts, or get assistance from a co—worker.
- 3. Never lift anything if your hands are greasy or wet.
- 4. Wear protective gloves when lifting objects with sharp corners or jagged edges.

When lifting

- 1. Face the load.
- 2. Position your feet 6"~12" apart with one foot slightly in front of the other.
- 3. Bend at the knees, not at the back to lift with legs.
- 4. Keep your back straight. Never attempt to lift anything to heavy or awkward get help.
- 5. Get a firm grip on the object with your hands and fingers. Use handles when present.
- 6. Hold objects as close to your body as possible.
- 7. Perform lifting movements smoothly and gradually; do not jerk the load.
- 8. If you must change direction while lifting or carrying the load, pivot your feet and turn your entire body. Do not twist at the waist.
- 9. Set down objects in the same manner as you picked them up, except in reverse.
- 10. Do not lift an object from the floor to a level above your waist in one motion. Set the load down on a table or bench and then adjust your grip before lifting it higher.



Ladders and Step Ladders

- 1. Read and follow the manufacturer's instructions label affixed to the ladder if you are unsure how to use the ladder.
- 2. Do not use ladders that have loose rungs, cracked, or split side rails, missing rubber footpads, or are otherwise visibly damaged.
- 3. Keep ladder rungs clean and free of grease. Remove buildup of material such as dirt or mud.
- 4. When performing work from a ladder, face the ladder and do not lean backward or sideways from the ladder.
- 5. Allow only one person on the ladder at a time.
- 6. Do not stand on the top rung of any ladder.
- 7. Do not stand on a ladder that wobbles, or that leans to the left or right.
- 8. Do not try to "walk" a ladder by rocking it. Climb down the ladder, and then move it.

Climbing a Ladder

- 1. Face the ladder when climbing up or down.
- 2. Do not carry items in your hands while climbing up or down a ladder.
- 3. Maintain a three-point Contact by keeping both hands and one foot or both feet and one hand on the ladder at all times when climbing up or down.

Driving/Vehicle Safety

Fueling Vehicles

- 1. Turn the vehicle off before fueling.
- 2. Do not smoke while fueling a vehicle.
- 3. Wash hands with soap and water if you spill gasoline on your hands if available use grease sweep when diesel fuel is spilled and notify attendant.

Driving Rules

- 1. Inspect equipment before getting in, make sure of no visible damage.
- 2. Shut all doors and fasten your seat belt before moving the vehicle.
- 3. Obey all traffic patterns and signs always.



- 4. Maintain a three-point contact using both hands and one foot or both feet and one hand
 - when climbing into and out of vehicles.
- 5. Do not leave keys or trucks and tool boxes, tools unlocked or unattended with vehicle.

Vehicle/Trailer Safety

- 1. Set the parking brake in the towing vehicle and use wheel blocks to chock the wheels of the trailer before removing any equipment from the trailer.
- 2. Secure equipment to the vehicle with chains or straps to eliminate or minimize shifting of the load.
- 3. No one is permitted to ride on the trailer.
- 4. Take slow, wide turns when towing trailers containing equipment or materials.
- 5. Do not exceed the load capacities remember anything over 10k lbs. requires a class a license.
- 6. Do not place all the heavy equipment on one side of the trailer.

Site Safety

- 1. Do not start work until barricades, barrier logs, or other protection has been installed to isolate the work area from local traffic.
- 2. Reflective warning vests must be worn by traffic flagmen who are assigned to controlling traffic.
- 3. Do not approach any heavy equipment until the operator has seen you and has signaled to you that it is safe to approach.
- 4. Walk around or step over holes, rocks, roots, materials or equipment in your pathway.
- 5. Use plywood barricades, delineators and caution tape to cover holes that create a hazard.
- 6. Obey all safety rules posted and wear all Personal Protective Equipment always while on job site. (Safety glasses, Boots, Hard Hat, Safety vest or bright clothing, ear plugs, and gloves if needed)
- 7. Take breaks in shaded areas.

Heavy Equipment Safety

1. No passengers are permitted on heavy equipment.



- 2. Keep windows and windshield clean.
- 3. Turn off the engine before leaving heavy equipment unattended.
- 4. Do not jump off or onto any heavy equipment.
- 5. Keep heavy equipment in gear when going clown grade. Do not use neutral.
- 6. Do not operate backhoes, power shovels and other heavy equipment within two (2) feet from the edge of an excavation.
- 7. To prevent the dust that is generated where the dirty rock is dumped from "bobcat" and to reduce significantly or eliminate the dust where it is dumped into the pad. The employees will keep the pile of rock and the dump site WET. (One employee with a hose spraying water both on the pile and the rock as it is coming out of the bucket.)

This may change during different seasons and/or conditions

Backhoe

- 1. Do not use a bucket or other attachments for a staging or temporary platform for workers.
- 2. Do not operate backhoe over or across underground utilities that are marked by paint, flagged, or staked.
- 3. Set swing brake of the bucket arm when moving the vehicle to and from the digging site.
- 4. Stay in the compartment during operation of the backhoe or power shovel. Do not reach in or attempt to operate controls from outside the backhoe or power shovel.
- 5. Never use Backhoe outside the guidelines given in the Operators Manual.

Power Trowels

- 1. Visually check to be sure that the blades are free of obstructions and the area is clear for operation.
- 2. Never leave trowel unattended while it is running.
- 3. Always stand clear and keep hands and loose clothing away of rotating or moving parts.
- 4. Ensure that the emergency stop switch is in the ON position.
- 5. Read and understand the operators' manual completely before using a power trowel
- 6. Manager/Foreman must ensure that employees who use the machines are properly trained and competent to operate the machine without supervision.
- 7. Suitable clothing must be worn when operating power trowels. This includes heavy



work boots, long sturdy pants, gloves and eye protection. Avoid loose clothing, such as loose boot laces which may be caught in rotating blades.

- 8. Do not allow untrained bystanders or personnel near power trowels during operation.
- 9. Walk-behind power trowels must be equipped with a control switch that will automatically shut-off the power whenever the hands of the operator are removed from equipment handles.
- 10. Do not tie down or otherwise override the safety shut-off switch.
- 11. Machine guards must be in place and secure. Check guards before each use.
- 12. Riding power trowels must be started with the clutch disengaged and pressure relieved from blades to avoid sudden movement of the machine which could cause injury.
- 13. If riding power trowels are equipped with lights, they must be in proper operating condition and used in low light conditions.
- 14. Adjust seat to fit the operator comfortably on riding-trowels to avoid unnecessary operator fatigue and fasten seat belt.
- 15. Employees are not permitted to do repairs, maintenance or adjustments on running machines. Engines must be shut off prior to work, unless they can show by the manufacturer recommendation that it is necessary to have the machine running.
- 16. Stop engine and let It cool before fueling power trowels.
- 17. Power trowels should be operated in well ventilated spaces; exhaust fumes can be deadly. If they are used in enclosed spaces, personal equipment is required.
- 18. When transporting riding trowels, lift only by the provided lifting brackets or shackles.
- 19. When transporting or moving walk-behind power trowels use two people to lift and carry the machine; the awkward size makes lifting and carrying with one person difficult and hazardous.

Portable Generator Safety

- 1. Inspect portable generators for damage or loose fuel lines that may have occurred during transportation and or handling.
- 2. Keep the generator dry.
- 3. Maintain and operate portable generators in accordance with manufacture's use and safety instructions.



- 4. Never attach a generator directly to the electrical system of a structure (home, office or trailer) unless the generator has a properly installed transfer switch.
- 5. Always plug electrical appliances directly into the generator using the manufactures supplied cords. Use undamaged heavy-duty extension cords that are grounded (3-pronged).
- 6. Use ground—fault circuit interrupted (GFCI's) as per the manufactures instruction.
- 7. Before refueling, shut down the generator. Never store fuel indoors.
- 8. Carbon monoxide poisoning is a colorless, odorless, toxic gas. Many people have died from C.O. poisoning because their generator was not adequately ventilated. To prevent this never use a generator indoors.
- If you or others show symptoms of C.O. poisoning (dizziness, headaches, nauseas, tiredness) get to fresh air immediately and seek medical attention and report to supervisor.

Personal Protective Equipment

- 1. Wear hard hats, hearing protection and safety glasses while operating heavy equipment or tools.
- 2. Do not wear hard hats or safety glasses that are dented or cracked.
- 3. Do not continue to work if your safety glasses become fogged. Stop work and clean the glasses until the lenses are clear and defogged.
- 4. Wear hard hats, safety glasses, and vests or highly visible clothing always while working on the job site.

General Hand Tool Safety

- 1. Keep the blade of all cutting tools sharp.
- 2. Do not use a tool if its handle has splinters, burrs, cracks, splits or if the head of the tool Is loose.
- 3. Tag worn, damaged, or defective tools "Out of Service" and do not use them.
- 4. Do not use impact tools such as hammers or Chisels that have mushroomed heads.
- 5. When handing a tool to another person, direct sharp points, and cutting edges away from yourself and the other person.
- 6. When using knives, shears or other cutting tools, cut in a direction away from your body.



- 7. Carry all sharp tools in a sheath or holster.
- 8. Do not perform "make-shift "repairs to tools.
- 9. Do not use "cheaters" on load binders or "boomers."
- 10. Do not carry tools in your hand when climbing. Carry tools in tool belts or hoist the tools to the work area using a hand line.
- 11. Do not throw tools from one location to another or from one employee to another.

Pneumatic Tools

- Do not point a charged compressed air hose at bystanders or use it to clean your clothing or dust yourself off.
- 2. Lock and /or tag tools "Out of Service" to prevent usage of the tool.
- 3. Do not use tools that have handles with burrs or cracks.
- 4. Do not use compressors if their belt guards are missing. Replace belt guards before using the compressor.
- 5. Turn the power switch of the tool to "Off" and let it come to a complete stop before leaving it unattended, disconnect power source if electrical.
- 6. Disconnect the tool from the airline before making any adjustments or repairs to the tool.

Electrical power cords

Electricity is important on jobsites where power tools are required. Many workers are electrocuted each year because they did not follow safe work practices for electricity or were unfamiliar with the equipment that was used. The most common electrical hazard on today's construction sites is from the ground fault electrical shock, which can easily be avoided if proper precautions are taken.

- 1. Electrical shock is often only the beginning in a chain of accidents. The final injury may be a fall, cut, burn or broken bone.
- 2. Extension cords are used on the job for many purposes and if not carefully chosen for the job and properly cared for, can be hazardous. The main concern is the connectors, insulation and the appropriate wire size needed to carry the current.
- To reduce electrical shock-related injuries, the OSHA electrical standard requires the use of ground fault circuit interrupters (GFCIs) for receptacle outlets.
- 4. Plugs and receptacles must match the job at hand. Each type of receptacle is



- designed to handle a specific amount of voltage and current. Always be aware of your circuit requirements.
- 5. Electrical tools to maximize his or her own safety, an employee should always use tools that work properly. Tools must be inspected before use and if found defective, properly tagged and removed from service.

Specific OSHA regulations that cover flexible extension cords and grounding requirements are:

- 1. Extension cord sets used with portable electric tools and equipment shall be of three-wire type and shall be designed for hard or extra-hard usage.
- 2. Inspect all cords and power tools to ensure that the plug is a 3—prong plug with proper grounding. Never remove or cut-off the ground plug and use cord.
- 3. Receptacles, cord connectors, and attachment plugs shall be constructed so that no receptacle or cord connector will accept an attachment plug with a different voltage or current rating than that for which the device is intended.
- 4. Receptacles connected to circuits having different voltages, frequencies, or types of current (AC or DC) on the same premises shall be of such design that the attachment plugs used on those circuits are not interchangeable.
- 5. A conductor used as a grounded or as equipment ground shall be identifiable and distinguishable from all other conductors.
- 6. A grounding terminal or grounding-type on a receptacle, cord connector, or attachment plug shall not be used for any other purpose.
- 7. No grounded conductor shall be attached to any terminal or lead to reverse designated polarity.
- 8. Flexible cords and cables shall be protected from damage. It is important that any damaged cords be removed from service and "tagged out" for safety and to prevent code violations.
- 9. Extension cords must not be arranged in a tangled, cluttered manner that creates a trip and fall hazard.
- 10. Splices-Flexible cords shall be used only in continuous lengths without splice or tap.
- 11. Hard service flexible cords No. 12 or larger may be repaired if spliced so that the splice retains the insulation.



It is essential to have electricity available on the jobsite. it is the employee's responsibility to use SAFE WORK PRACTICES, good sense, and caution when electrical equipment is in use.

<u>Lifting Equipment</u>

- 1. Do not use chain slings if links are cracked, twisted, stretched, or bent.
- 2. Do not shorten slings by using makeshift devices such as knots or bolts.
- 3. Do not use a kinked chain.
- 4. Protect slings from the sharp edges of their loads by placing pads over the sharp edges of the items that have been loaded.
- 5. Wear work gloves when handling rough, sharp—edged, or abrasive chains, cables, ropes, or slings.
- 6. Do not alter or remove the safety latch on hooks. Do not use a hook that does not have a safety latch, or if the safety latch is bent.

When Lifting

- 1. Do not place your hands between the sling and its load when the sling is being tightened around the load.
- 2. Lift the load from the center of hooks, not from the point.

Knives/Sharp Instruments

- 1. Use knives for the operation for which they are made.
- 2. Do not use knives that have broken or loose handles.
- 3. Do not use knives as screwdrivers, pry bars, can openers or ice picks.
- 4. When handling knife blades and other cutting tools, direct sharp points and edges away from you.
- 5. Cut in the direction away from your body when using knives.

Hammers

- 1. Do not use a hammer if your hands are oily, greasy, or wet.
- 2. Do not strike objects with the cheek of the hammer.
- 3. Do not strike one hammer against another hammer.



Pliers

- 1. Do not attempt to force pliers by using a hammer on them.
- 2. Do not use pliers that are cracked, broken, or sprung.

<u>Saws</u>

- 1. Keep control of saws by releasing downward pressure at the end of the stroke.
- 2. Do not use a saw that has dull saw blades.
- 3. Keep hands and fingers away from the saw blade while you are using the saw.
- 4. Do not carry a saw by the blade.
- 5. When using a handsaw, hold the work piece firmly against the worktable.

Electrical Powered Tools

- 1. Do not use power equipment or tools on which you have not been trained.
- 2. Keep power cords away from path of power saws.
- 3. Do not use cords that have splices, exposed wires, or cracked or frayed ends.
- 4. Do not carry plugged in equipment or tools with your finger on the switch.
- 5. Do not carry equipment or tools by the cord.
- 6. Turn the tool off before plugging or unplugging it.
- 7. Do not leave tools that are "On" unattended.
- 8. Do not handle or operate electrical tools when your hands are wet or when you are standing on wet floors or wet ground.
- 9. Do not use extension cords or other grounded three-pronged power cords that have the ground prong removed or broken off.
- 10. Do not use an adapter that eliminates the ground such as a cheater plug.
- 11. Do not drive over, drag, step on or place objects on a cord.

General Power Saw Safety

- 1. Wear the prescribed personal protective equipment such as goggles, gloves, dust masks, and hearing protection when operating the power saw.
- 2. Do not use a power saw that has cracked, broken, or loose guards or other visible damage.
- 3. Turn off the saw before making measurements, adjustments, or repairs.



- 4. Keep your hands away from the exposed blade.
- 5. Operate the saw at full cutting speed with a sharp blade to prevent kickbacks.
- 6. If the saw becomes jammed, turn the power switch of the saw to "OFF" before pulling out the incomplete cut.
- 7. Do not alter the anti—kickback device or blade guard.
- 8. When using the power saw, do not reach across the cutting operation.
- 9. When using the power saw, do not hold the work piece against your body when making the cut.

Hazardous Materials

- 1. Follow the instructions on the label and in the corresponding Material Safety Data Sheet (MSDS) for each chemical product you will be using in your workplace.
- 2. Do not use protective clothing or equipment that has split seams, pinholes, cuts, tears, or other visible signs of damage.
- 3. Each time you use your gloves, wash them, before removing the gloves, using cold tap water and normal hand washing motion. Always wash your hands after removing the gloves.
- 4. Do not use chemicals from unlabeled containers or unmarked cylinders.
- 5. Always use chemical goggles and a face shield before handling chemicals labeled "Corrosive "or "Caustic."
- 6. Do not store chemical containers labeled "Oxidizer "with containers labeled "Corrosive" or "Caustic."
- 7. Do not smoke while handling chemicals labeled "Flammable".

Rebar Bender Cutter

Electric & Manual

- 1. Do not use for anything other then what its intended use. Do not try to cut or bend Rebar outside its perimeter, or anything other than rebar.
- 2. Always wear you PPE (gloves, glasses, etc.) when cutting and bending.
- 3. Manual: make sure your standing on level ground. Electric: make sure you and the machine are on level ground.
- 4. Do not operate machinery without its safety guards. Do not wear loose clothing that may get caught in bending, cutting, or pinch points.



5. Disconnect power before attempting to un jam a bend or cut. Make sure work area is clear and that no one can encounter bender / cutter while in operation.



WHAT TO DO WHEN YOU ARE INJURED AT WORK

In any case of accident or injury no matter how major or insignificant it must be reported to the Crew Leader, Supervisor, or Job Foreman who will be trained in first aid and will make the decision of its severity and notify HR so that the compliance of all laws, insurance, and workers compensation procedures are completed.

These following steps are to be completed immediately after injury or incident:

- 1. Report injury to your supervisor immediately.
- Go to the medical facility provided by your Crew Leader or Foreman. If your supervisor is not present, call the office at 916-375-8337 x136 or the Safety Manager at 916 257-2764; inform them of the injury that has occurred and ask where the nearest facility is located.
- 3. After treatment, it is your responsibility to inform your Crew Leader or Foreman and the main office of your work status and future doctor appointments. Provide all work status reports and paperwork to your supervisor.
- 4. If the injury is **LIFE THREATENING**, call 911 or go to the nearest hospital emergency room.

IMPORTANT COMPANY PHONE NUMBERS

Main Office 916 375-8337 x. 136 for HR

Livermore Office 925 243-1900
Safety Manager 916 257-2764
Police Department W. Sacramento 916 372-2461
Police Department Sacramento 916 874-6905
Livermore Police Department 925 371-4900

Emergency Fire and Medical 911

MEDICAL FACILITIES:

In the event of an emergency the closest hospital will provide care. In any event less urgent a location of the nearest medical facility authorized by Blazona Concrete will be provided by the supervisor, foreman, or crew leader.



Because of the frequent change of job locations, the Safety officer will be available by telephone to assist in locating the nearest facility for proper treatment. He or she will be available before and after office hours for full support of those employees who start before the office opens or those who work after the office has closed. A Supervisor, Job Foreman, or Crew Leader will be trained in First Aid & CPR for any treatment that is needed immediately.

On Commercial projects a site-specific Safety Manual will be given to the General or Job Super with detailed locations of nearest Hospitals, authorized facilities, authorities, and fire department in case of an emergency. A Site specific emergency action plan will be created for each jobsite combining a short HIPP including water, and shade location.



HAZARD COMMUNICATION PROGRAM

We have developed this Hazard Communication Program to ensure that all employees receive adequate information about the possible hazards that may result from the various materials used in our operations. This Hazard Communication Program will be monitored by the Safety Manager who will be responsible for ensuring that all facets of the program are carried out, and that the program is effective.

Our program consists of the following elements:

- 1. Hazardous material inventory.
- 2. Identify and correct.
- 3. Collection and maintenance of Safety Data Sheets.
- 4. Container labeling, Employee training.

Hazardous Material Inventory

The Safety Program Administrator maintains a list of all hazardous materials used in our operations. This list contains the SDS sheet given by the manufacturer.

Safety Data Sheets (SDS sheets)

Copies of SDS for all hazardous substances to which our employees may be exposed will be kept in a binder at the main office. These SDS are available to all employees upon request. Copies of the most commonly used products will also be kept by the Supervisor at the work site. The Safety Manager will be responsible for reviewing incoming SDS for new and significant health /safety information. He will ensure that any new information is complete and is passed on to the affected employees. If information is incomplete and / or missing use of the material or substance will be strictly prohibited by any employee until all information is received and proper training has been implemented.

Container Labeling

No container of hazardous substances will be used unless the container is correctly labeled and the label is legible.

Continued:



All chemicals in cans, bags, drums, pails, etc., must have the manufacturers label is intact, it must be legible. Any containers found to have damaged labels will be held until a new label has been replaced. New labels will be obtained from the manufacturer or where the product was purchased.

The label must contain:

- The chemical name of the contents.
- The appropriate hazard warnings.
- The name and address of the manufacturer.

All secondary containers used will not be permitted unless properly labeled as stated above.

Employee Information and Training

All employees will be provided information and training on the following items through the company safety training program and prior to starting work with hazardous substances:

- 1. An overview of the requirements of the Hazard Communication Standard, including their rights under this regulation.
- 2. Information regarding the use of hazardous substances in their specific work areas.
- 3. The location and availability of the written hazard communication program. The program will be available from the Supervisor and Safety Manager.
- 4. The physical and health hazards of the hazardous substances in use.
- 5. Methods and observation techniques used to determine the presence or release of hazardous substances in the work area.
- 6. The controls, work practices and personal protective equipment available for protection against possible exposure.
- 7. Emergency and first aid procedures to follow if employees are exposed to hazardous substances.
- 8. How to read labels and material safety data sheets to obtain the appropriate hazard information.



Hazardous Non-Routine Tasks

Infrequently, employees may be required to perform hazardous non-routine tasks. Prior to starting this work, each involved employee will be given information by his/her supervisor about hazards to which they may be exposed during such activity.

This information will include:

- The specific hazards.
- Protective/safety measures and methods which must be utilized.
- All measures the company has taken to lessen or eliminate the hazards.

Informing Outside Contractors and Vendors

To ensure that outside contractors are not exposed to our hazardous materials, and to ensure the safety of the contractor's employees, it will be the responsibility of the Supervisor to provide outside contractors the following information:

- The hazardous substances under our control that they may be exposed to while at the work site.
- The precautions the contractor's employees must take to lessen or eliminate the possibility of exposure.

We will obtain from outside contractors and vendors the name of any hazardous substances the contractor's employees may be using at a work site or bringing into our facility. The contractor must also supply a copy of the safety data sheet relevant to these materials.

Employee Rights Under the Hazard Communication Standard

At any time, an employee has the right to:

- Access the SDS folder, and the Hazard Communication Program.
- Receive a copy of any environmental sampling data collected in the workplace.
- See their employment medical records upon reasonable request.



FLEET AND DRIVER SAFETY

Blazona Concrete has established the following guidelines and procedures for our drivers and vehicles to protect the safety of individuals operating any motor vehicle on company business. Protecting our employee drivers, their passengers, and the public is of the highest priority. The commitment of management and employees is critical to the success of this program. Clear communication of, and strict adherence to the program's guidelines and procedures are essential.

Our primary goal is to maintain a high level of safety awareness and responsible driving behavior. Driver safety awareness and responsible driving behavior will significantly decrease the frequency of motor vehicle accidents and reduce the severity of personal injuries and property damage.

Drivers must follow the requirements outlined in this program. Violations of this program may result in disciplinary action up to, and including, suspension of driving privileges or dismissal.

Our program consists of the following elements:

- Driver selection
- Driver training
- Vehicle use policy
- Vehicle inspection & preventive maintenance
- Accident investigation

Driver Selection

Only authorized and assigned employees can drive company vehicles at any time. Prior to being authorized and assigned, Blazona Concrete will check the following items. Drivers must have:

- A valid un-restricted California driver's license.
- A current MVR driving record with no more than 2 points and no serious or major violations.
- At least 20 years of age

Blazona Concrete uses the EPN (employee pull notice) program provided by DMV to check driving records of all employees authorized to drive a company vehicle these checks are done randomly and on an annual basis. Employees that do not meet these requirements are not authorized or allowed to drive company vehicles.



Driver Training

All employees assigned a company vehicle will be given a copy of the Fleet and Driver Safety policy and will be required to sign and date that they have read and understood the policy. Driver safety topics will also be given in tailgate meetings, and foreman's meetings.

Company Vehicle Use Policy

Blazona Concrete has established the following policies pertaining to company vehicles:

- 1. Personal and off duty use of company vehicles is prohibited.
- 2. Only authorized employees may drive company vehicles. No other family members may drive a company vehicle.
- 3. Non-employee passengers are not permitted in company vehicles at any time, unless they are business related.
- 4. Seat belts must be worn in company vehicles at all time as.
- 5. No employee is permitted to drive company vehicles while impaired by alcohol, illegal or prescription drugs, or over the counter medications.
- 6. All accidents involving company vehicles must be reported to the office immediately.
- 7. Employees with two or more preventable accidents in a three-year period, or that obtain three points on their driving record, will be subject to a loss of their driving privileges or have their driving privileges restricted.



Vehicle Inspection & Preventive Maintenance

All company vehicles must be inspected by the driver prior to each use. Mechanical defects will be repaired immediately. The Safety Manager will periodically spot check company vehicles to determine their condition. Vehicles are to be kept clean and sanitary it is considered a work space and all work spaces must be safe from hazard.

Vehicle inspections will include:

- Lights, Turn signals, gauges, and Emergency flashers
- Tires
- Horn
- Brakes

- Fluids- oil, antifreeze, or leak
- Windshield condition and wiper condition
- Mirrors

All vehicles will also be maintained in accordance with the manufacturers' recommendations. It is the responsibility of the individual assigned the vehicle to ensure proper maintenance and repairs are performed. If your vehicle is not safe, do not drive report to Shop foreman.

When towing a trailer extra caution, awareness, and inspection should be taken. The driver shall be trained before towing a trailer.

Accident Investigation

All accidents in company vehicles will be investigated by the Supervisor, Manager and / or the Safety Manager. Where possible, witness's statements will be obtained, and photos used to document the scene of the accident and the damage. Police reports will also be obtained whenever possible. The following guidelines will be used to help determine preventability.

Auto Accident Preventability Guide

This guide will assist in determining whether our driver could have prevented the accident. An accident is preventable if the driver could have done something to avoid it. Drivers are expected to drive defensively, which driver was primarily at fault, which received a traffic citation, or whether a claim was paid has no bearing on preventability. If there was anything our driver could have done to avoid the collision, then the accident was preventable. An accident is considered preventable when the vehicle is properly parked, or when stopped because of a highway patrol office, a signal, stop sign, or traffic condition.



When judging accident preventability, here are some general questions to consider:

- 1. Does the investigation indicate that the driver considers the rights of others, or is there evidence of poor driving habits that need to be changed?
- 2. Does the investigation indicate driver awareness? Such phrases as "I did not see, "I didn't think," "I didn't expect," or "I thought" are signals indicating there probably was a lack of awareness, and the accident was preventable. An aware driver should think, expect, and see hazardous situations in time to avoid collisions.
- 3. Was the driver under any physical stresses that could have been contributory? Did the accident happen near the end of a long day or long drive? Did overeating contribute to fatigue? Did the driver get sufficient sleep? Is the driver's vision faulty? Was the driver feeling ill?
- 4. Was the vehicle defective without the driver's knowledge? Was a pre-trip inspection done, and would it have discovered the defect? A car that pulls to the left or right when the driver applies the brakes, faulty windshield wipers, and similar items are excuses, and a driver using them is trying to evade responsibility. Sudden brake failure, loss of steering, or a blowout might be defects beyond the driver's ability to predict. However, pre-trip inspections and regularly scheduled maintenance should prevent most of these problems. If any of these are the cause of the accident, then the accident was probably preventable by the driver.
- 5. Could the driver have exercised better judgment by taking an alternate route through less congested areas to reduce the hazardous situations encountered?
- 6. Could the driver have done anything to avoid the accident?
- 7. Was the driver's speed safe for conditions?
- 8. Did the driver obey all traffic signals?
- 9. Did the driver have his vehicle under control?

There are many types of vehicle accidents and in any case following these procedures should eliminate or significantly reduce your chances in being in one. They will defiantly keep you from being the responsible party.



EMERGENCY ACTION PLAN

Blazona Concrete Construction has developed the following action plan to proactively prepare its employees for any such emergency that may arise during the work day. Safety here at Blazona is everyone's responsibility, but there will be key employees who will have direct responsibility.

Responsible Person

The project foreman will oversee the implementation and maintenance of the action plan. The foreman along with the Safety Officer will have full authority to properly manage and enforce all provisions of the company's action plan and safety policy. The project foreman's responsibilities will include the following but will not be limited to:

- Will be trained in what to do if an accident or emergency should happen
- Will have access to a phone for 911 emergency's, and addresses with phone numbers to local hospital, authorities, and directions to jobsite location. (2018)
- Will have designated employee(s) who will be trained to know what to do in case the supervising employee becomes involved in the incident
- Enforcing the action plan and maintaining all documentation and maintenance of the action plan and the IIPP.
- Will make sure a sufficient first aid kit and emergency equipment are readily available on the job always.

The company Safety Manager and Safety Team will be responsible for but not limited to:

- Evaluating, Identifying, and correcting potential hazards with tail gate meetings on what was found and how it was corrected.
- The Safety Manager will coordinate first aid, and other training needed (i.e. forklift, JHA)
- Providing training to new employees or employees promoted within the company.
- Creating a site-specific emergency action, HIPP plan. (2018)



First aid kits & Fire Extinguishers

At the start of each Project it will be furnished with an approved ANSI first aid kit and will be maintained by the Job foreman and those designated. Because of the company's structure an employee or piece of equipment may only be on the project once, for this reason Blazona puts an approved ANSI first aid kit in every company truck with a fire extinguisher. The first aid kits are maintained by the driver of the company vehicle. Fire extinguishers are removed or replaced for service once a year.

Emergency Action and Procedures Training

Blazona Concrete Construction uses safety talks, JHA's, tailgates and near misses to discuss and train employees to observe evaluate and notify supervisors of possible hazards for a proactive emergency action plan. All foreman and crew leaders are provided with cell phones in case of a 911 emergency and use ambulance, medics, and fire department personnel for a primary source of medical treatment. The job foreman will be trained for CPR / First aid and will assist until EMS has arrived. Those designated will assist with flagging and directing EMS to the emergency.

Emergency Evacuation Procedure

The job foreman will have a site map and will work with the General Contractor in following the site evacuation plan. The foreman will notify all employees emergency exit routes and procedures the GC has implemented.

Office employees will follow posted emergency evacuation signs posted around office.

Non-Compliance of any of the stated procedures shall be reported immediately to a supervisor or job foreman.



FIRST AID AND MEDICAL EMERGENCY PROCEDURES

The company will ensure emergency medical services for all employees at all times. We will also ensure the availability of a suitable number of appropriately trained persons to render first aid. The Safety Manager will maintain a list of trained Individuals and take steps to provide training for those that desire it.

First-Aid Kits

Every company vehicle has an OSHA / ANSI approved 25-man first aid kit. It is the responsibility of the Crew Leader and or driver of the vehicle to make sure that the first aid kit is stocked and readily available in case of an accident. On larger commercial projects the job foreman will have access to a 50-man first aid kit in combination with the 25-man kits that will be specifically for the sites emergency action plan. If the kit becomes unsanitary and its contents become compromised the kit will be replaced. The contents of the kit will be replaced as needed but will not contain medicines, inhalants, or any other type of drugs that can only be prescribed by a physician or doctor.

First Aid

A Lead employee from each crew will be certified in first aid and CPR for the immediate attention of any employee during an accident or injury. All company trucks, phones, or any other equipment will be made available in case of an emergency. At larger commercial projects before employee can work a list of phone numbers and addresses to the nearest Hospital, Fire Station, and Police departments including 911 will be given to the job foreman. At all other sites 911 is to be called in case of serious injury or illness all other incidents a call to the Safety Manager or HR and an address will be given to the nearest medical facility if needed.

Accident Procedures

These procedures are to be followed in the event of any accident, injury, or illness:

- 1. For severe accidents call 911 and request the Paramedics.
- 2. Employees must report all work-related Injuries to their Supervisor immediately. Even if they do not feel that it requires medical attention. Failure to do so may result in a delay of Workers' Compensation benefits and disciplinary action.



- 3. The Supervisor, employee, and first aid trained personnel should determine whether outside medical attention is needed. When uncertainty exists on the part of any individual, the employee should be sent for professional medical care.
- 4. If medical attention is not desired or the employee refuses treatment, you must still fill out a company "Accident Report" in case complications arise later.
- 5. In all cases, if the employee cannot transport himself or herself. for any reason, transportation should be provided.
- 6. In the event of a serious accident involving hospitalization for more than 24 hours, amputation, permanent disfigurement, loss of sight, or death treatment of the employee is always first then Immediately contact the main office or Safety manager if after or before office hours. Contact must also be made with the nearest Federal or State (if applicable) OSHA office.



RETURN TO WORK PROGRAM

Policy:

BLAZONA CONCRETE CONSTRUCTION, INC. is committed to returning injured employees to modified or alternative work as soon after an injury as possible. Temporarily modifying the employee's job or providing the employee with an alternative position will do this. The employee's medical condition along with any limitations or restrictions given by the attending physician will be considered as priority when identifying the modified/alternative position.

Purpose:

This program is intended to provide our employees with an opportunity to continue as valuable members of our team while recovering from a work-related injury. We want to minimize any adverse effects of an ongoing disability on our employees. This program is intended to promote speedy recoveries, while keeping the employees' work patterns and income consistent. At the same time, we benefit from having our employees providing a service and contributing to the overall productivity of our business.

Scope: This program applies to ALL employees of Blazona Concrete Construction, Inc.

Responsibilities:

All Injuries and the duration of the disability will be handled by Human Resource & the Safety Manager. Human Resource will act as a liaison between Blazona Concrete Construction Inc., the injured worker, the attending physician, and Zurich American Insurance Co.

<u>Human Resource</u>: will make sure the appropriate paperwork and forms have been properly handled and submitted to the appropriate parties.

<u>Human Resource & Safety Manager:</u> will monitor the modified/alternative work and gather any additional information that may be needed to properly handle the return to work efforts.

All Supervisors/Managers

In the event of an injury, the supervisor/manager will make sure that our employee receives first aid or proper medical treatment at our selected medical clinic. If possible, the supervisor/manager will accompany the employee to the medical clinic. The attending physician shall be notified on



the first visit that **Blazona Concrete Construction**, **Inc.** has a return to work program and that modified/alternative work will be provided. The supervisor/manager will work closely with the Safety Officer and Human Resource to coordinate the return to work efforts and will be responsible for introducing the employee back into the work place in the modified/alternative position. Supervisor/manager will make sure that the injured employee receives necessary assistance from co-workers and that the employee **does NOT** work outside of his/her restrictions. Monitoring for transition into full duty work will be the supervisors/managers responsibility. **Modified duty is only available to those who we can accommodate their restrictions.**

Employees

If an injury occurs on the job, the employee is required to report it to their supervisor/manager immediately. If the injury requires medical attention the employee must precede to our selected provider (or medical facility) for occupational injury, U.S. Health works if available; an employer representative will accompany the employee to the medical clinic. Together with the physician, the employee's physician restrictions and limitations shall be discussed. All employees are expected to return to the office the same day (if possible but no later than the next day) to report the physician's findings and to discuss modified or alternative work. This will enable all parties to be kept abreast of the employee's condition. Employees that have an injury shall report to the office after each visit to discuss his/her recovery.

Once an employee has returned to work, it is his/her responsibility to work within the physical limitations that the physician has given. The employee shall perform only those duties that are assigned to him/her. An employee shall immediately notify his/her supervisor of any difficulty in performing the duties. The employee must also notify his/her supervisor in advance of any medical appointments, Time off will be allowed for industrial appointments. The employee shall keep his/her supervisor/manager informed of the recovery process and the ability to perform modified/alternative work.

Everyone

If there are questions please ask, unasked questions can lead to confusion. Blazona_Concrete Construction, Inc. is committed to promoting in the best possible way of a full recovery for any of our industrially injured employees. Blazona_Concrete Construction, Inc., along with our Workers Comp Insurance are also available to answer any questions.



HEAT ILLNESS PREVENTION PROGRAM (HIPP)

The following designated persons have the authority and responsibility for implementing the provisions of this program at this worksite:

Adrian J. Vela - Safety Manager
Rhett Havner - Vice President
Pedro Guzman - Operations Manager
Project Manager
- Supervisor / Foreman / Crew Leader

Objectives

The objective of this program is employee awareness regarding heat illness symptoms, ways to prevent illness, and what to do if symptoms occur.

Policy

All employees shall follow these safe practices and render every possible aid to each other and report all unsafe conditions or practices to the crew leader or supervisor. Supervisors shall encourage all employees to monitor themselves and observe co-workers for any signs of heat illness. These symptoms are as follows: Heavy sweating – Cramps – Nausea – vomiting – high temp – headache – dizziness, confusion – faint or unconscious (2018)

Update 2015: April 1st will be the start of Heat Illness Awareness instead of July 1st

Blazona Concrete Construction, Inc. recognizes that during hot temperatures (especially in the summer) our employees may be at risk for illnesses caused by heat exposure (heat stroke, dehydration, even death). It has been determined that heat risk factors are likely to be present from the beginning of April through the end of October in most areas of California.

To protect our employees from heat exposure, Blazona Concrete Construction has established a Heat Illness Prevention Program (HIPP). Weather conditions are monitored, and mass text messages are sent to crew leaders to identify potential high heat conditions. (2018)



The scope of this program applies to all outdoor activities of employment. Critical points to consider are as follows:

WATER CONSUMPTION

- ✓ Employees must have access to fresh, pure suitably cool drinking water
- ✓ Drink small quantities of water throughout the day
- ✓ Drink water frequently an employee is required to have 2.5 gal of water in an 8-hr. day or more under extreme weather and work conditions
- ✓ Avoid caffeine and alcoholic beverages (these cause the body to lose water and increases the risk of heat related illnesses)
- ✓ Water must be located as close as practicable to where employees are working, with exceptions when employers can demonstrate infeasibility.

(Water must be provided year-round) Update 2017

> SHADE PROTECTION

- ✓ Shade is blockage from direct sunlight
- ✓ Shade structures will be available at the site, to accommodate all the employees located on the shift at any one time.
- ✓ Shade structures will be relocated to follow along with the crew and they will be placed as close as practical to the employees, so that access to shade is provided throughout the day.
- ✓ Shade structures shall be used as a preventative measure of heat illness and will be made available at 80 degrees, or upon request. (2018)
- ✓ Employees shall be allowed a preventative recovery period and must be monitored for symptoms of heat illness, employees with symptoms shall not be allowed back to work until fully recovered from symptoms.

FIRST AID AND EMERGENCY RESPONSE

- ✓ Employees with symptoms will be giving appropriate first aid or emergency response.
- ✓ Our vehicles will have first aid kits and the supervisor in charge will be trained in case of an emergency.



TRAINING

Managers, foreman and crew leaders shall be familiar with the following:

- Appropriate clothing and protection for working in heat -
 - ✓ Light colored clothing of a fabric that can allow your skin to "breath" such as cotton. Most synthetic materials do not provide adequate ventilation.
 - ✓ Cover exposed skin to reduce heat stress and sunburns when: 1) the temperature exceeds 95°F, 2) exposed to direct sunlight.
 - ✓ Wide brim attachments on hard hats offer the best protection against direct sun exposure
 - ✓ Cover your neck with a damp towel or bandana-dampen often throughout the day
- ➤ Heat illness & High Heat illness prevention
 - ✓ Training is given annually to all Managers, Supervisors, Foreman, & Crew leaders.

PREVENTATIVE MEASURES FOR HEAT ILLNESS

- Employees will have affective monitoring, especially during the first few days of working in the heat.
- Check and maintain a cool potable water supply by identifying or locating water at jobsite location or at a nearby convenience store. (2018)
- Managers, foreman and crew leaders will evaluate environmental and personal risk factors and control exposure to heat illnesses (shorter work days, less strenuous work, if needed, and frequent breaks or heat acclimation up to 14 days)

ENVIRONMENTAL RISK FACTORS

Working conditions that affect the possibility that heat illnesses could occur are as follows:

- ✓ Air temperature
- ✓ Relative humidity
- ✓ Radiant heat from the sun
- ✓ Air movement
- ✓ Hydration



PERSONAL RISK FACTORS

Personal risk factors consist of the following:

- ✓ Employee's age
- ✓ Degree of acclimatization
- ✓ Health
- ✓ Consumption of water, caffeine or alcohol
- ✓ Use of prescription medication that affect the body's water retention or other physiological response to heat

THE IMPORTANCE OF ACCLIMATION

- ✓ Gradually adapting to extreme weather conditions
- ✓ For new employees time to get used to working in hot weather
- ✓ Most people get used to hot weather within 4-14 days
- ✓ Pace yourself throughout the day
- ✓ Take frequent, short breaks in cool shaded areas
- ✓ Take a break before symptoms appear or worsen

REPORT SYMPTOMS IMMEDIATELY

- ✓ Make sure employees immediately report to you any symptoms of heat related illnesses
- ✓ Cramps Heavy Sweating Nausea / Vomiting Dizziness / Confusion
- ✓ Remember, an employee suffering from heat related illnesses or believing that he or she needs a recovery period from the heat may rest for as long as the employee needs to fully recover. Rest shall be in the provided at rest area or a well shaded area that allows the employee access to water. An employee is assigned to watch over someone with heat related illness and is not to leave their side until a full recovery. (2018)



PROVIDE MEDICAL ATTENTION

- ✓ Identify and respond to symptoms of possible heat exposure
- ✓ Do not delay in providing medical attention
- ✓ Provide first aid or call emergency medical personnel (such as ambulance or fire department) if necessary. It is very important you provide clear and precise directions to the work site. (Description of the location from any major road or highway, and any land marks which will help emergency personnel arrive as quickly as possible.)
- ✓ Emergency service providers will be called immediately if an employee displays signs or symptoms of heat illness (loss of consciousness, incoherent speech, convulsions, red and hot face), does not look ok or does not get better after drinking cool water and resting in the shade. While the ambulance is in route, First Aid will be initiated (cool the worker; place the worker in the shade, remove excess layers of clothing, place ice pack in the arm pits and face area and fan the victim). Do not let a sick worker leave the site, as they can get lost or die before reaching the hospital.

TAILGATE MEETING

Brief safety reminders regarding High heat Illness Prevention will be given the morning of a day that is predicted to reach 95 degrees or higher. (May through October)

PROGRAM COMPLIANCE

Become familiar with the Heat Illness Prevention Program (HIPP). Ask questions if you do not understand policy or procedure related to this program.

Become an active participant and encourage others to comply with policy and procedure.



HIGH HEAT PROCEDURES ARE ADDITIONAL PREVENTIVE MEASURES THAT THIS COMPANY WILL USE WHEN THE TEMPERATURE EQUALS OR EXCEEDS 95 DEGREES FAHRENHEIT.

- ✓ Mandatory "buddy" system with affective observation and monitoring using tools or equipment when possible to assist with strenuous tasks.
- ✓ A mandatory cool down period of 10 min. minimum will be given to all employees every 2 hours working in high heat temperatures.
- ✓ Effective communication by voice, observation or electronic means will be maintained, so that employees at the worksite can contact a supervisor when necessary. If the supervisor is unable to be near the workers (to observe them or communicate with them), then an electronic device such as a cell phone or text messaging device may be used for this purpose, to ensure emergency response is readily available if needed.
- ✓ Employees will be observed for alertness and signs/symptoms of heat illness. When the supervisor is not available, an alternate responsible person may be assigned, to look for signs and symptoms of heat illness. Such a designated observer will be trained and know what steps to follow if heat illness occurs.
- ✓ Employees will be reminded throughout the work shift to drink adequate amount of water.
- ✓ New employees will be closely supervised or assigned a "buddy" or more experienced co-worker for the first 14 days of the employment
- ✓ High heat can accelerate heat exhaustion to heat stroke these symptoms are pale dry skin nausea vomiting disorientated loss of consciousness



NEW EMPLOYEE SAFETY ORIENTATION

Employee Name:

Employee: _____

Supervisor:

Start D	Date:
Job Tit	le / Position:
	fety Manager will verbally cover the following items with each new employee during afety orientation. Instructions are as follows:
0	IIPP, Code of Safe Practices, HIPP, and Driver safety rules. *
0	Safety enforcement procedures
0	Reporting of all injuries.
0	Reporting of all safety hazards.
0	Emergency procedures and First Aid.
0	Proper work attire. Personal Protective Equipment (PPE) are to be worn on all jobsites
	while working. High visible clothing Safety Orange / Green shirt, work boots, and ear
	plugs, dust masks are available for voluntary use.
0	The use of drugs and alcohol during company time is strictly prohibited. The use of
	prescription drugs must not impair your ability to work.
0	Blazona Concrete Construction conducts pre-employment drug screening, random, after incident, & reasonable suspicion. An employee who refuses to submit to such testing shall be conclusively presumed to have violated the foregoing rule and shall accordingly be immediately discharged. Emergency exits, First aid kits, and Fire Extinguishers.
* Copi	es given to New Hire at the time of orientation.
unders	e to abide by all company safety polices and the Code of Safe Practices. I also stand that failure to do so may result in disciplinary action and possible termination of yment.

Date: _____

Date: _____



Safety Training Record

Training Topic:	
Instructor Name:	
Date of Training:	
Location:	
Employee Name	Employee Signature



VEHICLE ACCIDENT REPORT

		1	1			
Date:		Truck Number:				
Time:		License Plate #:				
Locatio	Location and Direction of Travel:					
Blazona	a Vehicle/Driver Info	rmation:				
Driver I	Name:	License	Plate #:			
Driver A	Address:	Truck N	lumber:			
		Make:				
		Model:				
Phone :	#	Year:				
Passen	gers:					
	ehicle/Driver Inform					
Driver I		License	Plate #:			
Driver A	Address:					
		Make:				
		Model:				
Phone :	#	Year:				
Passen	gers:					
Other \	/ehicle/Driver Inform	nation 2:				
Driver I	Name:	License	Plate #:			
Driver A	Address:					
		Make:				
		Model:				
Phone :	#	Year:				
Passen	gers:	•	•			



Description of Accident:



Job Hazard Analysis

J.H.A

Safety Planning Workbook



HAZARD ASSESSMENT PROCESS & CONSIDERATIONS

Step 1 – Break Tasks/Operations into Steps ⚠ All tasks/operations can be broken down into individual steps. Should begin with an action (lift, move, carry, etc.)
Step 2 – Identify Hazards Associated with Steps See attached safety inspection checklists for reference.
 Step 3 – Recommend Safe Work Procedures Consider ways to eliminate hazard 1st. e.g., Assemble on ground level to eliminate work at elevations.
 Control Hazard by finding a safer way to perform the task. e.g., Use forklift for manual material handling instead of hand-carrying. e.g., Install guardrails for elevated work
Use Personal Protective Equipment where hazards cannot be controlled or eliminated.
Perform JHA at the beginning of workday <u>AND</u> as tasks change. Changing to an unexpected (emergency) task is more likely to result in an injury than planned operations.
Are new employees to crew instructed on the JHA?



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- $\ \square$ Are there language barriers?
- ☐ Get involvement from crewmembers.



Construction Industry Checklists

DAILY SAFETY CHECKLIST

- Have all new employees received safety orientation training?
- Fire extinguishers are in readily accessible locations.
- First aid kit available and adequately stocked.
- Safety Data Sheets (SDS) are current and readily available.
- Clear access to work area.
- All work areas are properly illuminated.
- Fire extinguishers are in readily accessible locations.
- Proper personal protective equipment for task.
- Equipment, extension cords, and tools inspected prior to use.
- Oxygen and acetylene bottles are separated, secured, and capped.
- Flammable liquids are in closed containers and properly marked/stored.
- Secure ladders in place. Tie them off.
- Barricades installed around excavations.
- Tie off higher than 6' and when climbing formwork.
- Use good setup, including sawhorses for cutting.
- Only trained, certified, authorized staff using equipment.
- Housekeeping is everyone's job.
- Heat illness prevention measures in place (during hot season).

CONCRETE PLACEMENT

- Handrail up and secured on pour platform/bracket scaffold, ends secured, including kick boards. (when pouring podiums)
- Ladder or stair tower properly tied off or secured and on firm foundation.
- Cords for vibrator checked for damage.
- Vibrators checked for electrical problems.
- Scaffolds of proper type and secured.
- If pouring with crane, operator and signal man know signals.
- Continuously check temporary shoring and form components.
- Not more than required number of employees or inspectors on scaffold. No more than 2 in 8'.



- If pouring with crane, hook for bucket has safety latch, and choker not damaged.
- Check rate of pour to verify form stability.
- Check all pump hose connections before starting.
- Wear proper gloves.
- Have an adequate supply of Neutrality or similar neutralizing agent in case of skin contact with wet cement.

CONCRETE FINISHING/PATCHING

- Always wear eye protection; use full face shield for chipping or grinding.
- Use proper respirator for any chemical used requiring one.
- Employee review of safety data sheet (SDS) for any material not familiar with.
- If in manlift, tie off and be authorized to use.
- Check cords for frays or electric tools.
- If using air tools check connections to be sure they are secured together.
- Never work on platform or scaffold without handrail.
- Use gloves, protect all exposed skin. Have neutralizing agent nearby.
- Never work on top rung of stepladder.
- Make sure all ladders are tied off.
- Use proper respirator if dust is problem.

CUTTING AND WELDING

- All gas cylinders should be used in upright position in cart.
- Always store cylinders upright in proper area with caps on and secured from falling.
- Check gauges to be sure they are operating properly.
- Always be sure to have fire extinguishers on hand. Use fire watch.
- Wear proper face and eye protection.
- Cylinders containing oxygen, acetylene or other fuel gas shall not be taken into confined space.



- When work is finished, when cylinders are empty or when cylinders are moved, the valves shall be closed and capped. Oxygen & flammables separated.
- Check welding leads for exposed bare conductors, cables in need of repair shall not be used.
- Torches shall be inspected at the beginning of each shift; no defective torches shall be used.

DEMOLITION - R&R

- Preplan needed and completed.
- Utilities involved disconnected.
- Area blocked off from pedestrians.
- If chute used, protect opening.
- Additional eye and/or face protection needed.
- Provide hearing protection when using air tools.
- Air hose secured to tool.
- Air hose connection positively secured.
- Compressor fitted with doors and safety pressure valve.
- Provide properly fitted respirators of right type.
- Guardrails up around fall exposures.
- Scaffolding properly planked and guardrail on.
- Scaffolding on solid footing.
- Access ladder provided, tied off, extending 36" above landing.
- No working from portable ladders.
- Acetylene and oxygen in cart and secure while cutting.
- Tank gauges in good condition and working properly.
- Fire extinguishers available, combustibles out of the way.
- Wear proper gloves and arm protection. Always position hands out of harm's way clear of pinch points and impact areas. Most demolition materials have sharp edges, splinters, or rough surfaces that can cut you.

HAND/POWER TOOLS & EQUIPMENT

All tools and equipment are maintained in good condition.



- Safety glasses, face shields, etc. are used with hand tools or equipment that might produce flying materials or be subject to breakage.
- Tool cutting edges are kept sharp, so the tool will move smoothly without binding or skipping.
- Tools are stored in dry and secure locations.
- Safety guards are used as recommended by tool/equipment manufacturer.
- Rotating or moving equipment parts are guarded to prevent physical contact.
- Tools and equipment are effectively grounded or of the approved double insulated type.
- Portable fans are provided with full guards or screens with 1/2-inch openings or less.

HEAT ILLNESS PREVENTION

- Employees have been trained on signs, symptoms, prevention, emergency response.
- All employees are acclimated to the heat or will be working a lighter shorter shift.
- Closely monitor new employees during a heat wave (80°+) for two weeks.
- Provide one quart of cool potable drinking water per employee per hour for entire shift.
- Water is fresh, pure, suitably cool and located as close as practicable to employees.
- Check water supply every 30 min and refill at 50%.
- Provide shade for employees upon request or when temperatures exceed
 80° F.
- Water and shade is readily accessible to employees and relocated as work progresses.
- Frequently encourage employees to drink water & take 5 min rest breaks in the shade.
- Monitor employees on rest breaks for symptoms of heat illness.
- Monitor weather & modify work schedule increase rest breaks, or stop work early as necessary.



- High Heat Procedures (95° F or greater):
 - o Frequent communications are being maintained with employees.
 - o Implement the buddy system.
 - Remind employees to increase awareness of signs/symptoms of heat stress.
 - Encourage employees to increase fluid intake and recovery breaks.
- Emergency response procedures are in place.



HOUSEKEEPING

- Material disposed of properly.
- Hazardous materials not mixed with trash.
- Skip box rigged properly and rigging inspected.
- Fire extinguisher kept close to debris accumulation.
- Nails removed from scrap.
- Aisles kept clear.
- Holes covered and securely fastened with approved grating.
- While sweeping, dust kept to minimum. Use sweeping compound if needed.
- If dusty, use respirator protection, properly fitted.
- If chute is being used, cover it and post warning signs.
- Wear proper gloves.

LADDERS

- Ladders are inspected and maintained in good condition.
- Non-slip feet provided on each ladder.
- Rungs and steps free from grease and oil.
- Rungs are uniformly spaced at 12 inches, center to center.
- Ladders with broken/missing steps, rungs, cleats, or side rails are removed from service.
- Employees are trained on proper use and operation of ladders.
- Employees are instructed to face ladders when climbing and descending.
- Employees are instructed not to use the top two steps.
- Ladders extend at least 3 feet above elevated surface when in use.
- Metal ladders legibly marked cautioning against use around electrical power sources.



MATERIAL HANDLING

- Materials are properly stored or stacked.
- Employees are using proper lifting methods.
- Tag lines are used to guide loads.
- Proper number of workers for each operation.
- Vehicles shut off and brakes are set prior to loading or unloading.
- Containers of combustibles or flammables, when stacked while being moved, always separated by dunnage sufficient to provide stability.
- Hand trucks maintained in safe operating condition.
- Pallets are inspected before being loaded or moved.
- Is stacked material interlaced to prevent sliding or tipping.



PERSONAL PROTECTIVE EQUIPMENT (PPE)

- Appropriate eye protection worn at all times in required areas.
- Appropriate hand protection, aprons, and shields worn to prevent cuts and exposure to hazardous chemicals or other potentially infectious materials.
- Hard hats worn where danger of falling objects exists.
- Appropriate foot protection provided as required.
- Appropriate respirators provided for regular and emergency use as needed.
- PPE maintained in a sanitary condition and ready for use.
- Hearing protection used where noise levels exceed 85 decibels.
- Adequate procedures and PPE used when cleaning up hazardous spills.
- Appropriate procedures in place for disposing of or decontaminating PPE.
- Employees are trained on use, limitations, maintenance, storage, and inspection requirements of PPE.

THE HUMAN ELEMENT OF SAFETY

- Mind on Task: Try not to let other thoughts or concerns interrupt your concentration and take you away from the task at hand. Thinking about what you're going to do later in the day or plans for after work, while performing a work-related task, can increase your chances of making a mistake and getting hurt.
- Slow Down and Think: Don't be in such a hurry that you make a mistake. Actions taken while rushed have a greater chance of getting you hurt and if you get hurt you may never get the task done. Working fast is not always working smart. When



you find yourself feeling rushed, stop and take a few minutes to re-evaluate what must get done, and the best method to get there. You will see that you have plenty of time to do the task right.

- No Short Cuts: Everyone can be tempted to skip a step if it gets them closer to being done. Taking a short cut may make them look like a super star by being faster than anyone else or it may be that they think it is more work for them to take all the steps needed. Taking a short cut will eventually get you hurt. It may not be this time, but it will eventually get you. Don't be tempted to hurt yourself or somebody working around you, do the task as it was planned.
- Look Out for Others: Your actions can influence more than just yourself. This holds true for those that work around you as well. If you see something that isn't safe, stop the activity and find a supervisor to help sort things out. Even if you don't know what the correct way to do something is, but something doesn't look right, it probably is unsafe, stop and ask for help. Stopping those around you from working unsafely could not only save their life, it could quite possibly save yours.
- Think Before you Act: When you get ready to perform a task, you should already have a plan on how to do it safely. Think about that plan and the action you are about to take and what the result will be. When performing the task are your hands going to be in harm's way? Where will the tool you are using go if it misses its mark or slips? Is there stored energy in the material you are about to handle? Think about what can go wrong and be smarter than the work; it will save you from injury.



- Watch Where you Put your Hands: Think about where your hand is and what can hurt it, never put them in harm's way.
- Are your Muscles Warmed Up? Like a professional athlete you need to be ready to work. After a long commute and periodically during the day, make sure you are stretching and warming up. It will keep you working pain free.



JOB HAZARD ANALYSIS (JHA)

Date:	Time of Day:
Name & Title:	
Safety Hazard observed	
Description of Hazard:	
Location of Hazard @jobsite	:
Hazard was reported to:	
Cianatura of Cumomican	
Signature of Supervisor	
Corrective Action Taker	or Removal of Hazard
Date:	Signature & Title:
Description:	
Approved by:	
-	
Site Supervisor	Date
Safety Manager	Date
Jaicty Ivialiagel	Date



JOB HAZARD ANALYSIS (JHA)

Date:	
Jobsit	e/Building: <u>Metal Shop</u>
Locati	ion: <u>Fabrication Line</u>
Name	e: <u>Mr. Safety</u>
Steps	of Job / Task:
1.	Reach into metal box on floor by machine and grab 15 lb
	<u>casting</u>
2.	Carry casting 25 feet to grinding wheel
3.	Push casting against wheel to grind off burrs
4.	Place finished casting in box on left side of machine
5.	Worker grinds 20-30 castings per hour
6.	
7.	
8.	
9.	
10.	
Hazar	ds Associated With Job / Task (See Below):
1.	Worker could drop casting on his foot
2.	Castings have sharp burrs and edges that could cause
	<u>lacerations</u>
3.	Lifting/carrying 15 pound casting could result in muscle strain
4.	Noise > 85 dBA when grinding castings; potential hearing loss
5.	
6.	
7.	
8	



e	Work Procedures / PPE:
	Raise metal box off floor to waist height, use adjustable
	platform
	Relocate grinding wheel closer to castings
	Wear steel-toe shoes with arch protection
	Use device such as a clamp to pick up castings
	Wear tight fitting cut-resistant gloves that allow good grip
	Wear hearing protection
	Can any body part get caught in, struck by, or caught between objects? THIS INCLUDES YOUR HANDS. THINK BEFORE YOU
	REACH.
	Is the employee working with sharp or rough materials that require PPE?
	Can pushing, pulling, lifting, bending, or twisting cause strain?
	Do tools, machines, or equipment present any hazards? (Hoist, crane, etc.)
	Can the worker slip, trip, or fall?
	Is special training needed? (Forklift, Scaffold, Powder Actuated Tool)
	Are there flammable, explosive, or electrical hazards?
	Fall hazard from one level to another or same level?
	Is excessive noise or vibration a problem?



	Is there a danger from falling objects?		
	Is lighting a problem?		
	Trench exposures?		
	Can weather conditions affect safety?		
	Are permits required? (hot work, confined space, etc.)		
	Contact with acids, toxic, or caustics? (SDS)		
	Will there be exposure to dusts, fumes, or mists? (SDS)		
Signa	atures:		
Mr.	Safety		



Common Occupational Hazards

Hazard	Hazard Description
Chemical (Toxic)	A chemical that exposes a person by absorption through the skin, inhalation, or through the bloodstream that causes illness, disease, or death. The amount of chemical exposure is critical in determining hazardous effects. Check Safety Data Sheets (SDS).
Chemical (Flammable)	A chemical that, when exposed to a heat ignition source, results in combustion. Typically, the lower a chemical's flash point and boiling point, the more flammable the chemical. Check SDS for flammability information.
Chemical (Corrosive)	A chemical that, when it comes into contact with skin, metal, or other materials, damages the materials. Acids and bases are examples of corrosives.
Explosion (Over Pressurization)	Sudden and violent release of a large amount of gas/energy due to a significant pressure difference such as rupture in a boiler or compressed gas cylinder.
Electrical (Shock/Short Circuit)	Contact with exposed conductors or a device that is incorrectly or inadvertently grounded, such as when a metal ladder comes into contact with power lines. 60Hz alternating current (common house current) is very dangerous because it can stop the heart.
Electrical (Fire)	Use of electrical power that results in electrical overheating or arcing to the point of combustion or ignition of flammables, or electrical component damage.



Electrical (Static/Discharge)	The moving or rubbing of wool, nylon, other synthetic fibers, and even flowing liquids can generate static electricity. This creates an excess or deficiency of electrons on the surface of material that discharges (spark) to the ground resulting in the ignition of flammables or damage to electronics or the body's nervous system.
Electrical (Loss of Power)	Safety-critical equipment failure as a result of loss of power.
Ergonomics (Strain)	Damage of tissue due to over exertion (strains and sprains) or repetitive motion.
Ergonomics (Human Error)	A system design, procedure, or equipment that is error-provocative. (A switch goes up to turn something off).
Hazard	Hazard Description
Excavation (Collapse)	Soil collapse in a trench or excavation as a result of improper or inadequate shoring. Soil type is critical in determining the hazard likelihood.
Fall (Slip, Trip)	Conditions that result in falls (impacts) from height or traditional walking surfaces (such as slippery floors, poor housekeeping, uneven walking surfaces, exposed ledges, etc.)
Fire/Heat	Temperatures that can cause burns to the skin or damage to other organs. Fires require a heat source, fuel, and oxygen.
Mechanical/Vibration (Chaffing/Fatigue)	Vibration that can cause damage to nerve endings, or material fatigue that results in a safety-critical failure. (Examples are abraded slings and ropes, weakened hoses and belts.)
Mechanical Failure	Typically occurs when devices exceed designed capacity or are inadequately maintained.



Mechanical	Skin, muscle, or body part exposed to crushing, caught-between, cutting, tearing, shearing items or equipment.
Noise	Noise levels (>85 dBA per 8 hr exposure) that result in hearing damage or inability to communicate safety-critical information.
Radiation (Ionizing)	Alpha, Beta, Gamma, neutral particles, and X-rays that cause injury (tissue damage) by ionization of cellular components.
Radiation (Non- Ionizing)	Ultraviolet, visible light, infrared, and microwaves that cause injury to tissue by thermal or photochemical means.
Struck By (Mass Acceleration)	Accelerated mass that strikes the body causing injury or death. (Examples are falling objects and projectiles.)
Struck Against	Injury to a body part as a result of coming into contact of a surface in which action was initiated by the person. (An example is when a screwdriver slips.)
Temperature Extreme (Heat/Cold)	Temperatures that result in heat stress, exhaustion, or metabolic slow down such as hypothermia.
Visibility	Lack of lighting or obstructed vision that results in an error or other hazard.



Silica Dust Compliance Program

Blazona Concrete Construction, Inc. will comply with Cal-OSHA's engineering and work practice control methods in Table 1 regarding silica dust exposure in sub section §1532.3 along with the recommended respiratory protection for each task that Blazona performs including as follows:

Blowing

Digging

Grinding

Cutting

Drilling

> Jack Hammer

Chipping

Grading

Sweeping

Water will be our priority as a dust control method. Integrated water systems on our tools and equipment are inspected before each use to ensure the employee(s) are not exposed to Silica dust. In some tasks when water cannot be used Blazona Concrete Construction provides the recommended vacuum system for dust control, we also provide N95 masks for voluntary use as an extra precaution and to wear when discarding silica dust.

Blazona employees are trained to operate and visually inspect and replace filters when needed in our vacuum systems, they are also trained in the operation of power tools: Grinders, Saws, Walk behind saws, roto-hammers, chipping and jack hammers.

Our training is giving by tailgate talks, hands on, and at the time of a change in procedure. Supervisors are competent person trained and are given updates when change in regulations occur.

Important Facts to Remember

An employee <u>is not to be exposed</u> to silica dust more than 25 micrograms per cubic meter of air in an 8-hour day.

Competent Person: Someone who can recognize or identify hazards before they happen and is authorized to correct, eliminate, or minimize the exposure to silica dust.

Before wearing a dust mask or respirator, you must read and follow the manufactures suggested instructions. (Some respirators require a respiratory program.)



CERTIFICATIONS

First aid CPR





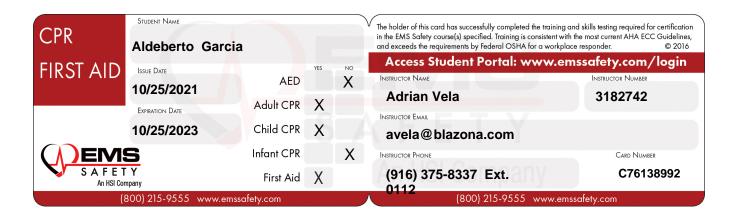
Aldeberto Garcia

Dear Aldeberto

Congratulations on successfully completing your EMS Safety CPR, AED & First Aid class. This EMS Safety Approved Training Center has chosen to issue your certification card electronically.

The digital certification card below is identical to a printed version of the card and documents that a properly authorized instructor has issued this certification. The digital certification card in this pdf allows the student to print a copy as needed for employers or others who required proof of completion.

Though the link will stay valid in this email, if lost you can request a copy from your Training Center as needed. It is good practice to save a copy of the certification letter to your personal digital storage device for future reference.







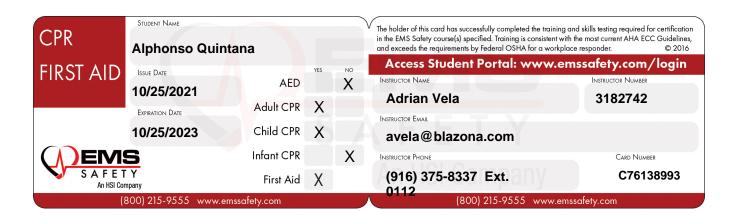
Alphonso Quintana

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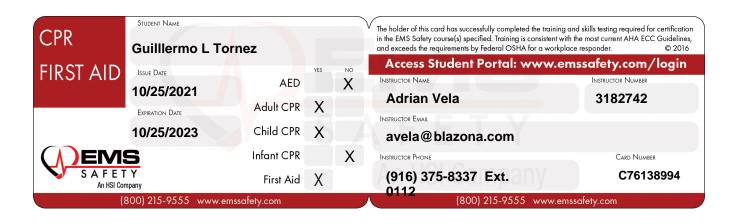
Guillermo L Tornez

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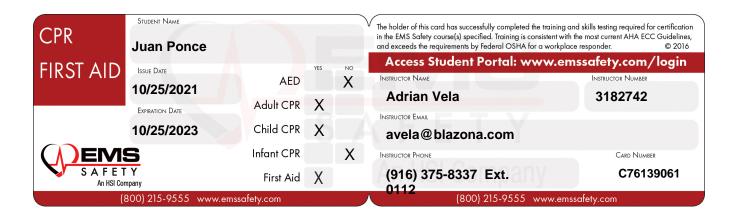
Juan Ponce

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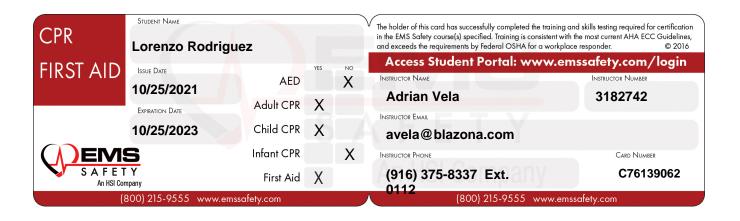
Lorenzo Rodriguez

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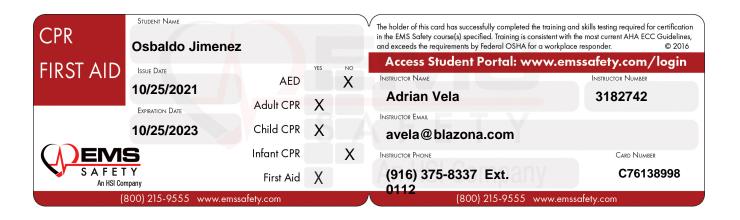
Osbaldo Jimenez

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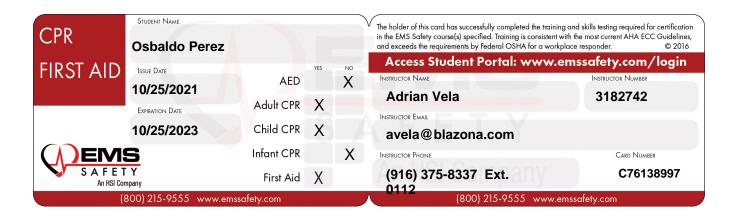
Osbaldo Perez

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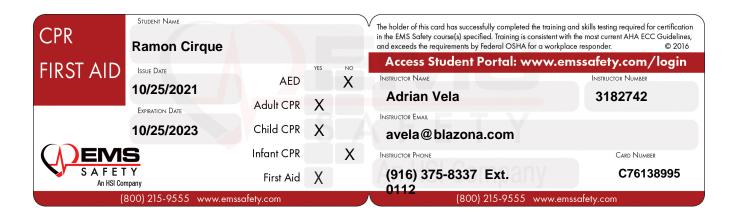
Ramon Cirque

Dear Ramon

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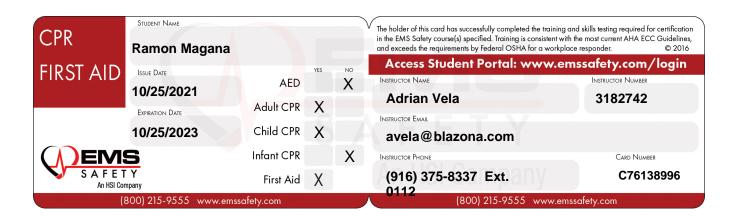
Ramon Magana

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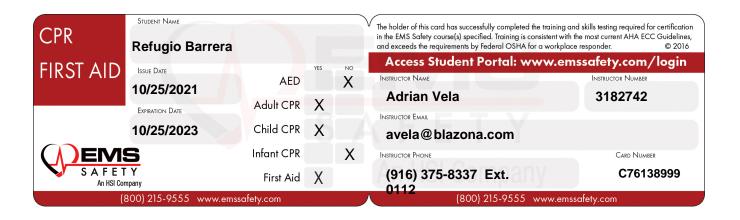
Refugio Barrera

Dear Refugio

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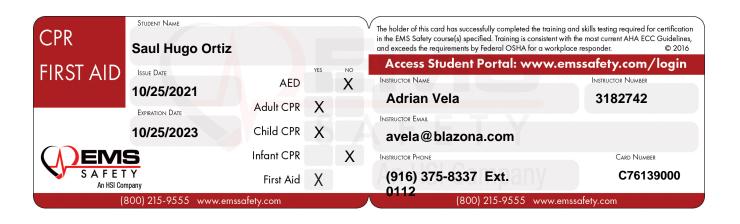
Saul Hugo Ortiz

Dear Saul Hugo

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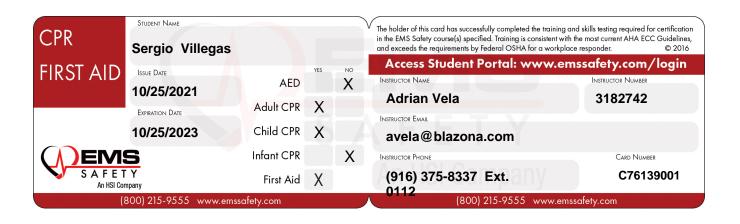
Sergio Villegas

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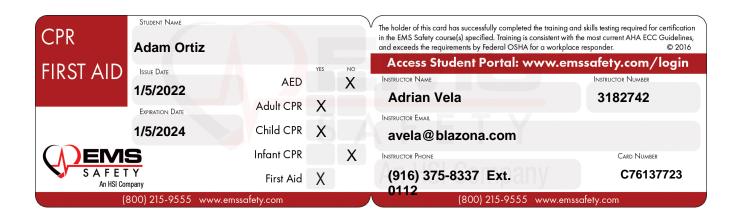
Adam Ortiz

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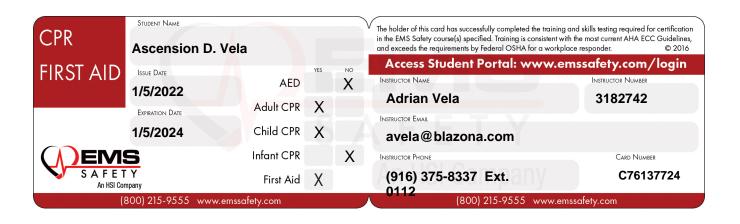
Ascension D. Vela

Dear Ascension D.

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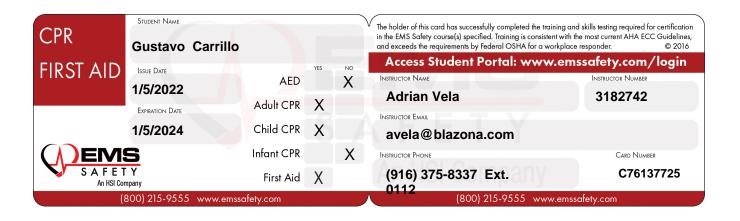
Gustavo Carrillo

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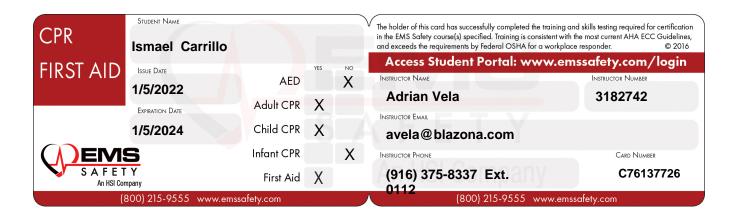
Ismael Carrillo

Dear Ismael

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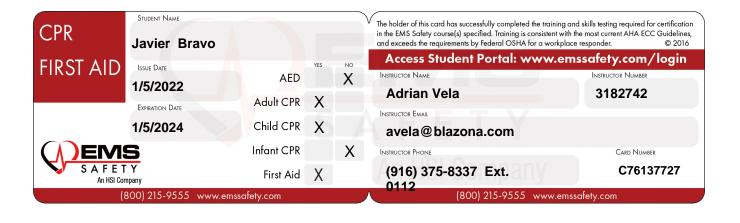
Javier Bravo

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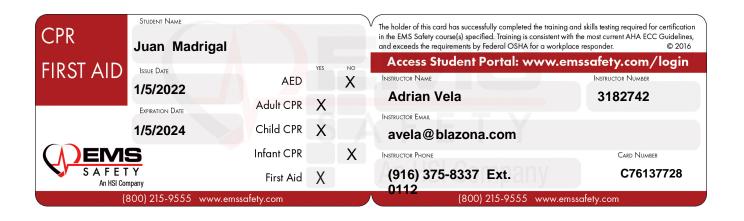
Juan Madrigal

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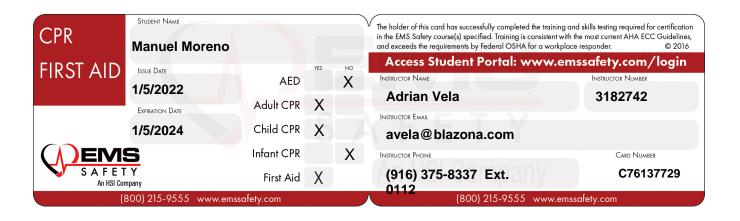
Manuel Moreno

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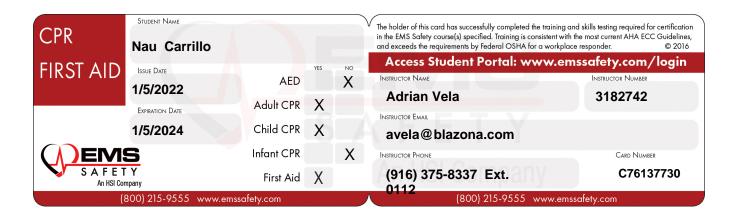
Nau Carrillo

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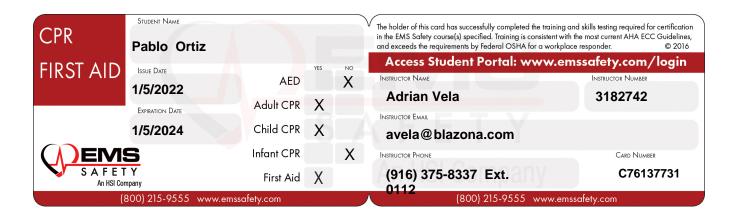
Pablo Ortiz

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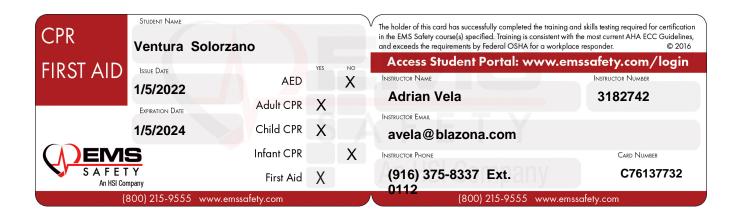
Ventura Solorzano

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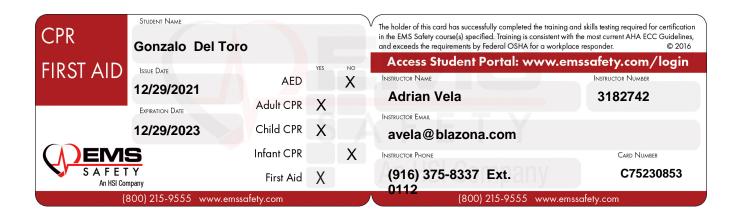
Gonzalo Del Toro

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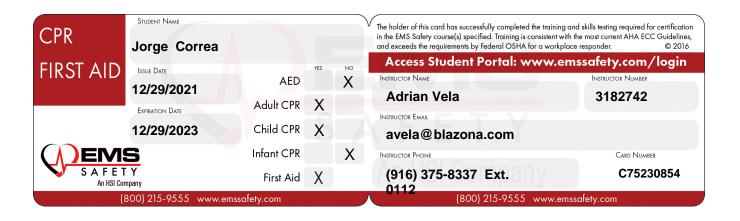
Jorge Correa

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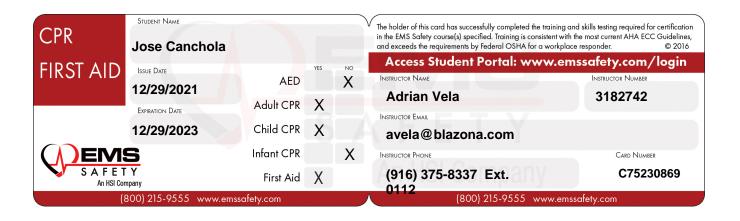
Jose Canchola

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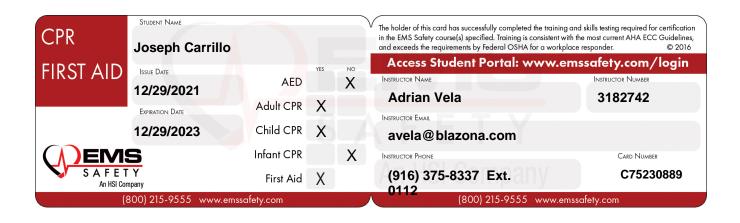
Joseph Carrillo

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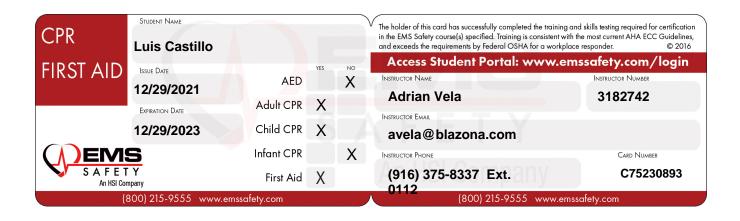
Luis Castillo

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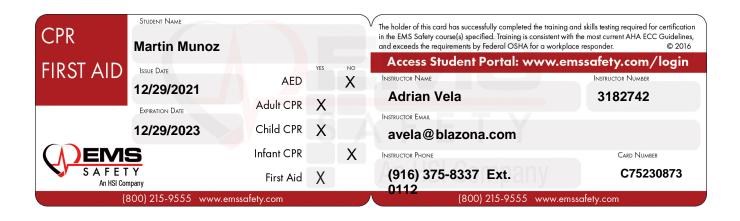
Martin Munoz

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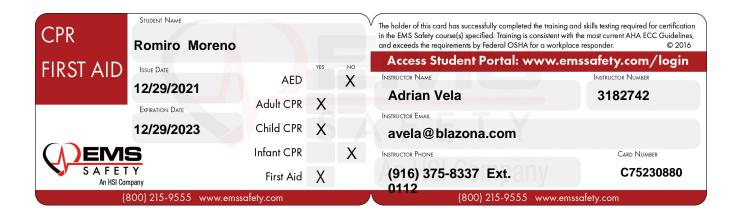
Romiro Moreno

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Salvador Ortiz

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