

| Safety Observations Correct Behaviors List | |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Head | <ul style="list-style-type: none"> • Workers shall wear hard hats at all times on the job site. • Hard hat shall be worn correctly. • Hard hat shall be worn when welding or cutting. • No baseball caps allowed under Hard Hat. |
| Eyes / Face | <ul style="list-style-type: none"> • Workers shall wear safety glasses with side shields where designated by signs, site-specific or contract requirements. • Workers shall wear safety glasses with clear lenses indoors, at night or low light conditions, except when welding or cutting. • Double eye protection shall be worn when grinding, welding, buffing, needle scaling, using a wire wheel, coring, working with hydraulic tools or high pressure hydraulic systems, chop sawing handling chemicals as required by the MSDS. • Workers shall wear safety glasses and goggles when handling sand bags or working with 3:1 - grit sand, pure sand bags, blowing sand or chemicals as required by MSDS. • Burning goggles and appropriately tinted welding lenses shall be worn when cutting, burning or welding respectively. • Welding curtains or shields shall be used to protect other workers and pedestrians. |
| Ears | <ul style="list-style-type: none"> • Hearing Protection shall be worn in designated areas. • Hearing protection shall be worn when chipping, grinding, arc gouging, concrete ramming, operating loud equipment, any time you cannot hear the normal voice an arm's length away from another person. |
| Hands | <ul style="list-style-type: none"> • Leather Gloves or welding gloves shall be worn when performing hot work. • Leather Glove Protectors shall be worn over electrically rated rubber gloves. • Leather work gloves shall be worn during demolition of concrete, tile, rubble, etc. • Leather Gloves shall be worn during shoveling, sledge hammering, pick-axe work, rock bar work or handling wood. • Puncture and cut resistant gloves shall be used when working with sheet metal, glass and potentially sharp edged materials. • Vibration reducing gloves shall be worn while jack hammering. • Chemical; resistant gloves shall be worn as directed by the MSDS while exercising caution for compatibility with chemicals. • Tear away (Cotton) gloves with leather or protective palms shall be used when working with wire rope and wire rope slings or lifting operations where there is a risk of a glove hanging up on rigging. |

| | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Feet | <ul style="list-style-type: none"> • ANSI rated steel or composite toe footwear shall be worn any time there is a risk of crushing injury to the toes, heavy/bulky material handling, around forklift and heavy equipment usage. • Closed toe non-skid hard sole safety shoes shall be worn any time there is a risk of cuts, punctures, scrapes, and uneven terrain. • Leather safety footwear shall be worn any time around welding or cutting. • Electrically rated overshoes or boots shall be worn any time energized electrical work is being performed while not using insulated grounding mats. • Compatible rubber overshoes or boots shall be worn when working with bulk chemicals or chemical process areas. (check MSDS). |
| Clothing | <ul style="list-style-type: none"> • Long Pants and short or long sleeve shirts shall be worn during normal working conditions. • Long sleeve flame retardant shirts shall be worn when welding or cutting. No torn tattered clothing when welding or cutting. • When working around exposed belts pulleys, nip, run-in, pinch points or rotating equipment, shirt shall be tucked and there shall be no loose clothing. Long hair shall be tied back and placed up or under garment. • Pants shall be over boots when performing welding or cutting. • No Loose jewelry shall be worn when working. • No jewelry or metal eyewear frames shall be worn when working around electrical hazards. • Compatible clothing shall be worn when working with chemicals (See MSDS). • When working around electrical hazards as a qualified person, fire retardant shirts and pants with cotton undergarments shall be worn. • When performing electrical hot work or working within the approach distance and prohibited boundaries the posted arc flash protection shall be worn. |
| Harness | <ul style="list-style-type: none"> • Workers shall wear a full body harness with double lanyard (100% Tie-Off) when working at 6 feet or higher and not protected by guardrails. • The lanyard shall be attached to an OSHA rated or equivalent anchor point. |

| | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respirator | <ul style="list-style-type: none"> • A respirator shall be worn as directed by the MSDS, when welding or cutting in an enclosed or poorly ventilated area, during spray painting, epoxy flooring, sand blasting, dry grinding/cutting concrete, during lead or asbestos abatement, while processing chemicals as indicated in the MSDS. • A dust mask shall be worn as directed by the MSDS, worn when sanding, grinding, using consumable cutting disks, installing fiberglass insulation, during demolition work involving insulation dust, sheet rock, and silica, dry cutting tile concrete or stone, and chipping stone during masonry operations in well ventilated areas. |
| Safety Vest | <ul style="list-style-type: none"> • A Safety vest shall be worn any time within a traffic control zone or within 18 feet of a shoulder of a roadway or in the roadway. • During any flagging operations whether in a traffic control zone or within a construction site. |
| Site Control | <ul style="list-style-type: none"> • Each construction site or any area affected by a construction site, e.g., Electrical, mechanical rooms, floors above and below the construction site where the construction site has migrated to, shall be secured from unauthorized entry any time that an employee or worker is not on site. • Positive barriers shall be provided to keep unauthorized Workers out of the construction areas. |
| Traffic Control | <ul style="list-style-type: none"> • Traffic control shall follow the Federal / Texas manual of uniform traffic control. • Pedestrian traffic control shall provide clear detour directions for redirection of pedestrian traffic and shall not redirect pedestrians into hazard situations or roadways. These controls shall be positive and not allow pedestrians to enter traffic control zones. • Advance notice shall be given for alteration of ADA routes. • Alteration of fire and emergency egress routes require approval from the fire marshal. |

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental | <ul style="list-style-type: none"> • Storm and sewer drains shall be protected with silt fencing and sand bags during construction activities. • Silt fencing shall be provided at storm water run-off points for outdoor construction areas when top soil is disturbed. Or there is a risk of contamination from leaking equipment. • Dumpster and roll-off shall not leak fluids and shall be covered during rainy weather and at the end of the day or final shift. • No discharge of any kind is allowed on UT or surrounding property. • Equipment wash down is not allowed and must be contained. • Concrete wash down and spoils are not allowed at any time. • Pressure washing run-off shall be contained and removed. • Excessive dust, odors, smoke or fumes may require HEPA filtration, local exhaust or negative pressure systems. |
| Signage | <ul style="list-style-type: none"> • The required project, safety signage and tags, as stipulated in Construction Safety Article 7 of the UGC as modified by the AGC, shall be implemented and displayed as specified. • Signs shall be placed at all construction area entry points and areas affected by the construction project, e.g., Electrical, mechanical rooms, floors above and below the construction site where the construction site has migrated to. Portable signage may be used for mobile short duration construction activity. |
| Climbing | <ul style="list-style-type: none"> • Workers shall maintain three-point contact at all times when climbing up or down. • Workers shall not jump from platforms, ladders or scaffold, etc. • Workers shall not climb on moving parts at any time or unsecured structure without fall protection. Shall verify that structure is load rated prior to climbing. |

| | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ladders / Stairways | <ul style="list-style-type: none"> • All ladders must be on a scheduled inspection scheme and inspected prior to use. • Extension ladders shall be tied off or secured to a structure prior to use when not held in place by another worker. • Workers shall maintain three-point contact at all times when climbing up or down • Workers shall face the ladder when ascending and descending the ladder. • The belt buckle shall remain in the frame rails at all times. • Workers shall not carry tools up or down a ladder and should use a helper or hand-line. • Ladders used in pedestrian or vehicle traffic areas shall be coned off and barricaded with signs posted in blind areas/other side or doors warning of ladder usage in order to prevent worker from being knocked –off or ladder being knocked over. • Extension ladders shall be set at a 4:1 or 75 degree ladder angle. • The proper ladder shall be used for the job. • Fall protection shall be used greater than 6 feet, if work cannot be performed while facing the ladder or working with buckle within the rails of the ladder. • Workers shall keep one hand on the handrail when ascending or descending stairs. • Stairways shall be kept unobstructed. |
| Walkways | <ul style="list-style-type: none"> • Walkways shall be designated and free from obstructions, slip and trip hazards. A Trip Hazard is a change in grade of ½” or greater. • Workers shall walk in designated walkways. • Extension cords shall cross walkway as few times as possible and shall have ramps, cord protectors or be tapped down. • Plywood, chip board and masonite protectors shall be secured to prevent warping. • Trip hazards that cannot be avoided shall be identified with brightly colored paints or flagging tapes. |
| Housekeeping | <ul style="list-style-type: none"> • Work areas shall be kept clean and orderly at all times. • They shall be free from rags, soda cans/bottles, spent containers of mud, paint, caulk, wood, tile, rubble, cardboard, steel, etc. All construction debris shall be promptly removed daily. • Stair wells and electrical rooms shall not be used for storage. |
| Scaffold | <ul style="list-style-type: none"> • Scaffolds shall be OSHA approved, inspected and tagged prior to use. • Workers shall access scaffold by a designated ladder only. • All Workers working from the scaffold shall have scaffold awareness training. |
| Proper Tool | <ul style="list-style-type: none"> • Use the correct and proper tool for the job. • GFCI’s are required on all extension cords. • Extension cords shall be 14 gauge heavy duty. • All high pressure hoses with crow’s foot shall be pinned with safety clips or tied with safety wire. • Check valves/backflow preventers shall be installed on cutting rigs. |

| | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Proper Use | <ul style="list-style-type: none"> • Use tools and equipment in the manner they were designed. |
| Condition | <ul style="list-style-type: none"> • Tools and equipment shall be on a scheduled inspection system and shall be kept in good working condition and inspected prior to use. • No nicked or damaged insulation on extension and power cords or welding leads 10 ft from electrode holder. • No leaking equipment. • No makeshift tools. All shop made tools shall be certified by a registered engineer. |
| Guarding | <ul style="list-style-type: none"> • Guards shall remain in place on all tools and equipment while in use. • Guards shall remain in place and be used for all saws, grinders, belts, pulleys, etc. • Exposed electrical circuits and energized electrical equipment shall be guarded and tagged to protect unqualified workers. • All unprotected edges, hatchways, skylights, holes or troughs in floors shall be guarded. |
| Lock-Out / Tag-Out | <ul style="list-style-type: none"> • Lock- Out / Tag-Out procedures shall be followed for controlling hazardous sources of energy. • Breakers rendered inoperable shall be tagged listing the breakers that are inoperable. • Breakers that are to remain closed shall be tagged and listed as to not open the circuit. • Electrical hazards shall be tagged as “Electrical Hazard” • Electrical systems being tested shall be “tagged testing in progress”. |
| Hand Position | <ul style="list-style-type: none"> • Hands shall be positioned to stay out of hazard areas, pinch and crush points. • Hands shall be placed to achieve the best leverage and avoid repetitive stress. • Hand tools shall be used in an ergonomically neutral position. |
| Body Mechanics /position | <ul style="list-style-type: none"> • Workers shall keep their body square their work and face it if possible, except for throwing electrical switches, adjusting pressure regulators or opening and closing valves, Worker shall stand to the side. • Keep body parts out of pinch/crush zones. • Workers shall stand free of the bight of cable, rope, tag lines and never wrap any part of their body in a rope. • Workers shall stand free from the line of fire from winch, tugger lines, blocks, pressure release or flying debris. • Workers shall alternate on strenuous activities with heavy equipment, i.e., jack hammering, etc. |

| | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical Lifting | <ul style="list-style-type: none"> • Plan your lift and have a clear path when transferring loads. • Check weight of the load prior to lift. Do not jerk the load. • Keep feet shoulder width apart. • Keep body close to load. • Keep you back straight when lifting. • Lift with your legs not your back. • Do not twist while lifting pulling, pulling or carrying a load. • Consider two-person lifting when possible. |
| Pinch | <ul style="list-style-type: none"> • Workers shall never pass under an unsupported suspended load. • Workers shall always have a clear escape route when lifting with cranes. • Workers shall remain clear of run-in and nip points. |
| Tag Lines | <ul style="list-style-type: none"> • Tag Lines shall be used on loads being moved by a crane. • Tag Lines shall be free from knots. • Tag lines shall not be wrapped around any part of your body. • Tag Lines shall be long enough to prevent workers from standing under the load while holding the tag line. |
| Rigging | <ul style="list-style-type: none"> • Use the correct load rated slings for the lift. Safe working load limits tags shall be in place on sling. • All Shackle pins shall be pinned with safety pins/wire. • Slings and knots shall be used according to best practice. • Slings and rigging shall be on an inspection program and inspected before use. • Any free leg shall be shackled back to the live leg. • Any shop made rigging shall be certified by a registered engineer. |
| Hand Signals | <ul style="list-style-type: none"> • Only one person shall be designated to give hand signals. • A hand signal chart shall be located on the crane and job site. • Crane operator shall always maintain eye contact with signal person. • Anyone can give the emergency stop signal. |
| Pre-Lift Briefing | <ul style="list-style-type: none"> • All crane operations shall have the lift classification flow chart filled out, signed and submitted to the project manager 7 working days prior to the lift. • This will determine whether the lift is classified as incidental, medium, heavy or a critical lift and explains the required data set for each lift classification. • A pre-job briefing/JHA and Pre-lift safety briefing is required on all lifts. |

| | |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage | <ul style="list-style-type: none">• All materials, tools and equipment shall be neatly and safely stored.• Stored materials shall be barricaded, not block walkways, stairwells and egress routes and shall not create a fire or egress hazard.• Stairwells and Electrical rooms shall not be used for any storage. |
| Pre-Job Briefing / JHA | <ul style="list-style-type: none">• A pre-job briefing / Job Hazard Analysis form shall be filled out, briefed and signed by all parties as follows:<ul style="list-style-type: none">• Prior to the start of any on-site work;• Before initiating any new phase or task; and• Before modifying an existing phase or task resulting in a change in hazards• JHA must be reviewed, acknowledged, and signed by all affected workers with completed and signed copies retained by the contractor on the construction site.• Then placed in the Job Site Binder for review and verification purposes. |