

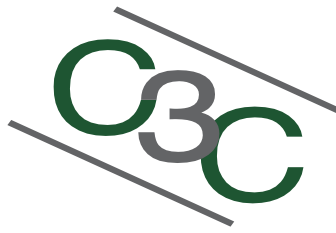
**Chord III Contracting, LLC.**

**SITE SPECIFIC  
HEALTH AND SAFETY PLAN**

**Chord III Contracting, LLC.  
8665 Baldwin Parkway  
Douglasville, GA 30134  
Phone: (678) 909-6996 \* Fax: (678) 540-8905**

**CHORD III CONTRACTING, LLC.**

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## **SAFETY RESPONSIBILITIES AND LINES OF AUTHORITY**

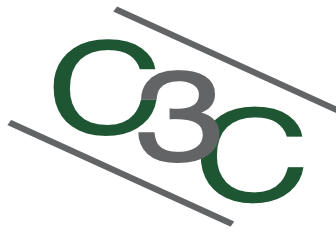
Ultimately, safety is the responsibility of **all** supervisors and employees. However, a line of authority has been created to ensure proper implementation of procedures, and enforcement for all noncompliance. Listed below is the line of authority that has been established, as well as their individual contact information.

### **Corporate Level**

### **Project Level**

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## **WEEKLY “TOOLBOX” SAFETY TRAINING SESSIONS**

All **(Chord III)** subcontractors are required to attend a weekly “toolbox” safety training session on site that must meet the following requirements:

- Topic must be relevant to work or activities being performed.
- Content of topic must be documented and must include a sign-in sheet.
- Talks will be conducted by alternating supervisory personnel.
- Attendance is mandatory for all personnel on site.
- At the conclusion of the “toolbox” safety training session, an opportunity must be provided to all employees to express any issues or concerns related to work performed the prior week or work scheduled for the upcoming week.
- Any additional topics discussed must be added to the documentation of the “toolbox” safety training session.

## **INSPECTIONS**

The following inspections are required to be conducted and documented as noted below.

### **EQUIPMENT INSPECTIONS**

Equipment operators must conduct daily equipment inspections prior to the beginning of each work shift. If an operator changes equipment during a work shift, each piece of equipment operated during the shift must be separately inspected.

### **SUPERINTENDENT’S WEEKLY SAFETY INSPECTION**

The project superintendent for **(Chord III)** must perform an overall job safety inspection on a weekly basis.

- Any deficiencies should be noted and corrective actions taken.
- The superintendent must make documentation of the weekly safety inspection.

## **SITE SECURITY / IDENTIFICATION MEASURES**

### **EMPLOYEE ENTRY POINT**

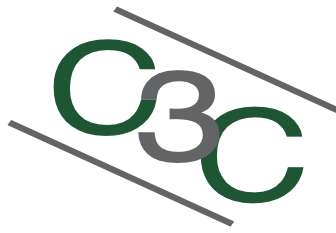
All **(Chord III)** employees, subcontractors, and vendors will utilize the construction entrance(s) authorized by site management.

- Personal vehicles are to be parked in designated parking areas outside of the main construction area.
- Only authorized vehicles will be granted access into the main construction area.
- Only authorized drivers of **(Chord III)** will be permitted to operate company vehicles.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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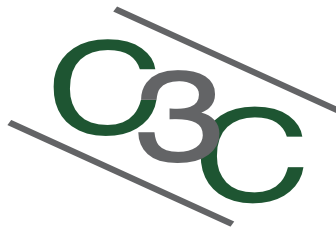
The use of PPE is a must when engineering controls cannot remove the hazards associated with performing a task. We must continually assess the hazards associated with our work, and attempt to engineer the hazards out. Regardless of engineering controls, the following PPE are required at all times while on the ..... site.

## STANDARD PPE REQUIREMENTS

- **Hard hats** must be worn in all non-administrative areas at all times during all phase of construction until the issue of the certificate of occupancy.
  - Hard hats must meet ANSI Z-89.1 standard.
  - Hard hats must be worn in the proper manner with the front of the hard hat facing forward at all times.
  - Hard hats must be inspected daily for cracks, breaks, defective suspension, expiration dates.
- **Safety glasses** must be worn in all non-administrative areas at all times, while using powers tools, saws, jackhammers, etc.
  - Safety glasses must meet ANSI Z-87 standard.
  - Tinted safety glasses meeting ANSI Z-87 standard are allowed when lighting conditions warrant; however, clear glasses must be worn in dark or poorly lit areas.
- **High visibility vests or shirts** must be worn in all non-administrative areas at all times during all phase of construction until the issue of the certificate of occupancy.
  - Vests must be in good repair and free of excessive soil.
  - Vests must be the proper size for the employee.
  - In cool weather conditions, traffic vests must be worn outside of any extra clothing.
- **Boots** must be worn at all times while on site.
  - Boots must provide adequate ankle support.
  - Boots must be properly laced and tied at all times.
  - Boots must be in good repair.
  - No other types of shoes allowed unless approved by OSHA standards

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## **ADDITIONAL TASK SPECIFIC PPE REQUIREMENTS**

- **Brim mounted full-face shield.**
  - Must be worn when working with any hazardous liquid chemicals that have a splash potential.
  - Must be inspected prior to use for any scratches, cuts, or breaks that distort visibility.
- **Full-face welding shield.**
  - Must be worn when performing cutting with torch or in welding operations.
  - Must have appropriate tinting shield for the type of task being performed.
  - Must be inspected prior to use for any scratches, cuts, or breaks that distort visibility.
- **Leg Chaps.**
  - Must be worn at all times while performing tree / brush cutting procedures with a chain saw.
- **Respiratory protection.**
  - Every effort should be made to engineer out all hazards associated with dust. If for some reason the hazard cannot be engineered out, the use of a dust mask (minimum N95) may become necessary.
- **Gloves**
  - Whenever the potential exists for a hand injury due to cutting, burning, chipping, handling sharp materials, or handling hazardous chemicals, the appropriate glove must be chosen for the task and must be worn at all times while performing the task.

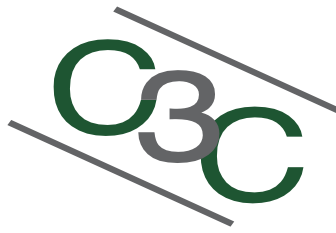
## **BASIC WORK ATTIRE**

This attire shall include:

- Long pants are required. No shorts, cut off pants, or torn pants that expose any skin may be worn.
- Shirts with a minimum of a 4-inch sleeve are required. No tank tops or sleeveless shirts will be allowed. Employees may not roll the sleeves any shorter than 4 inches.
- Hard-soled protective boots must be worn. Boots must cover the ankle to provide stability and support to the foot and ankle. Boots must remain laced and tied at all times.
- No low hanging pants are to be worn. They must be secured with a belt.

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## **INJURY REPORTING AND MEDICAL TREATMENT**

### **REPORTING OF INJURIES**

Any **(Chord III)** employee or subcontractor who becomes injured while working at the ..... project, is responsible for reporting the injury to his/her supervisor immediately who will determine if medical attention is required. If such injury or illness is life / limb threatening, fellow employees should immediately, prior to any notifications, access emergency services via 911. If the emergency deems calling 911, the following information should be provided to the 911 operator:

- Exact location of the jobsite as well as the location of the patient within the jobsite.
- Approximate age of the patient.
- Mechanism of injury or nature of illness.
- Level of consciousness / Altered mental status.
- Blood loss.

All injuries or illnesses will be reported to the Chord III site Superintendent as soon as practical after the incident occurs.

## **SAFE WORK PRACTICES**

### **ABRASIVE GRINDING**

- Prior to any abrasive grinding an inspection of the equipment to be used must be performed. Any deficiencies noted must be addressed prior to use.
- Abrasive wheel, bench, or stand grinders must have safety guards in place that are strong enough to withstand bursting wheels.
- Work rests on grinders must be present and adjusted to a clearance not to exceed 1/8 inch between the rest and the wheel surface.
- Prior to replacement of abrasive wheel, a ring test must be performed on the new wheel prior to installation. (Ring testing is conducted by gently tapping an abrasive wheel with a solid object while holding the wheel in your hand listening for any hollow areas denoting cracks or cavities within the wheel.)
- Safety glasses and a full face shield must be worn at all times while performing abrasive grinding whether the grinder is bench mounted, stand mounted, or handheld.
- Gloves should be worn to prevent burns, abrasions, or lacerations to the hands from flying metal particles.
- Always ensure the RPM is compatible between the wheel and the tool.

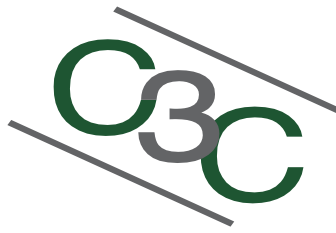
### **ACCESS**

- Use only safe means of access to and from work areas.
- Should a safe means of access to your work area not be available, notify your supervisor immediately.

### **AIR TOOLS**

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- Prior to usage of any air tools inspection of the equipment to be used must be performed. Any deficiencies noted must be addressed prior to use.
- Inspect the hoses supplying the tool for any deficiencies.
- Inspect the air supply source for any deficiencies or malfunctions.
- Secure air tools to air hose in a positive manner to prevent accidental disconnection.
- Install and maintain approved safety clips or retainers on pneumatic impact tools to prevent attachments from being accidentally expelled.

#### **ATTITUDE**

- All employees are required to regard safety as their number one priority.
- All employees are expected to report to work in good mental and physical condition to safely perform their assigned duties.
- Prior to starting any task, employees must consider the possible effects of their actions on themselves, and others and take appropriate protective measures.

#### **CELL PHONE USAGE**

- Cell phones are not allowed while performing job duties, unless they are being used for job related issues.

#### **COMPRESSED AIR (USE OF)**

- Compressed air used for cleaning purposes may not exceed 20 psi.
- The use of compressed air to clean off yourself or other workers is prohibited.

#### **COMPRESSED GAS CYLINDERS**

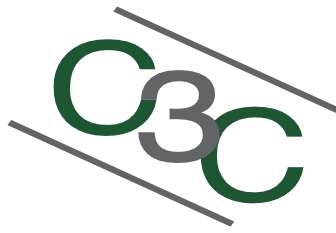
- Valve protection caps must be in place before cylinders are transported, moved or stored.
- Cylinder valves will be closed when work is finished, when cylinders are empty, or while cylinders are being moved.
- Compressed gas cylinders will be properly secured in an upright position at all times.
- Cylinders must be kept at a safe distance or shielded from welding or cutting operations in places where they cannot become part of an electrical circuit.
- When stored, a minimum distance of 20 feet must separate oxygen and acetylene cylinders unless a flame resistant barrier is placed between them.

#### **ELECTRICAL (GENERAL)**

- All extension cords must be inspected prior to use to ensure no breaks, exposed wires, missing insulation, missing ground pin or compromised strain relief.
- All extension cords must be three wire round type (no flat wire type cords) designed for hard or extra hard usage, protected from damage, and not fastened with staples, hung from nails, or suspended from wires.
- The use of extension cords with a damaged or missing ground pin is prohibited.
- Splices must have soldered wire connections with insulation equal to or greater than the existing cord and UL Approved.
- Receptacles for attachment plugs must be an approved concealed contact type. Where different voltages, frequencies, or types of current are applied receptacles must be such that attachment plugs are not interchangeable.

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- Each disconnecting means for motors or appliances, and each service feeder or branch circuit at point of origin must be legibly marked to indicate its purpose, unless located and arranged so that the purpose is evident.
- Cables or cords passing through work areas must be covered, guarded or elevated to protect from damage.
- Boxes with covers for the purpose of disconnecting must be surely and rigidly fastened to mounting surface.
- No employee may work in proximity to an electric power circuit that may be contacted during the course of work unless protected against electrical shock by de-energizing the circuit and grounding it, by guarding with effective insulation, or with the use of a spotter.
- In work areas where the exact location of underground electric power is unknown, workers using jackhammers, bars, or other hand tools, which have the potential to contact, that power must wear insulated protected gloves.

#### **ELECTRICAL (GFCI)**

- All construction site receptacles which are not a part of the permanent wiring of a building or structure must be protected by ground fault circuit interrupters (GFCI)
- Where a GFCI receptacle is not present, a GFCI pigtail must be used and placed inline as close to the source of power as possible. (pigtails should be inspected prior to use)

#### **EXCAVATION AND TRENCHING**

- All soil on the ..... site has been classified as class “C” soil; as per OSHA standard 1926 sub-part “P”. The sloping angle will be on a 1½ to 1, and all spoils will be back no less than two feet from top of slope.
- In all situations where 1 ½ to 1 slope cannot be implemented, or in areas of unusually unstable soil a trench box must be utilized.
- An access and egress ladder will be in place at all times no more than 25’ of lateral movement from ground personnel working in excavations greater than 3’ in depth.

#### **FALL PROTECTION**

- If appropriate to the scope of work, a fall protection safety plan is required.

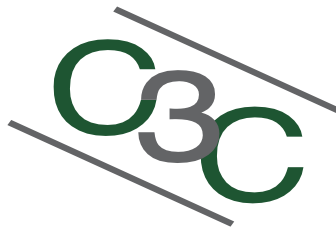
#### **GUARDING OF POWER TOOLS**

- Prior to the use of power tools, an inspection must be performed. Any deficiencies noted must be addressed prior to use.
- When power tools are designed to accommodate guards, they shall be equipped with such guards while in use.
- Belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts of equipment must be guarded if exposed to contact by employees or otherwise constitute a hazard.
- Wear proper Apparel. Do not wear loose clothing, gloves, neckties, rings, or jewelry which may get caught in moving parts. Wear protective hair covering to contain long hair and wear non-slip footwear.
- No power tools may be used without the proper guards in place.

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## **HAND TOOLS**

- All hand tools must be inspected prior to use to ensure serviceability.
- Unserviceable / unsafe hand tools must not be used.
- When jaws of wrenches are sprung to the point that slippage occurs, they must be taken out of service.
- Keep impact tools free of mushroomed heads.
- Keep wooden tool handles free of splinters or cracks and assure a tight connection between the tool head and the handle.
- Gloves should be worn when using wooden handled tools.

## **HEARING PROTECTION**

- Hearing protection will be worn in areas where sound levels will exceed 85 decibels.
- As a rule of thumb, when surrounding noise levels make it difficult to hear yourself speaking in a normal tone of voice, hearing protection is needed.

## **HOISTING (MATERIALS AND PERSONNEL)**

- Rated load capacities, recommended operating speeds, and special hazard warnings or instructions posted on cars and platforms may not be exceeded.

## **HORSEPLAY**

- All disruptive activities, usually referred to as “horseplay”, are forbidden. No practical jokes or fights will be tolerated.

## **HOUSEKEEPING & RECYCLING**

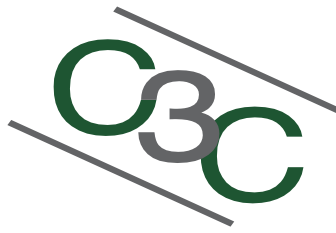
- Any scrap lumber with protruding nails and other debris will be kept clear from work areas.
- Combustible scrap and debris will be removed from the work areas at regular intervals.
- At the end of each phase of work, return all tools and excess material to proper storage. Employees must clean up of all debris before moving on to the next phase of work, as well as maintaining a clean work area during each phase of work.

## **LADDERS**

- The use of ladders with bent, broken or missing rungs or steps, bent, broken or split side rails, or with other faulty or defective construction is prohibited. When ladders with such defects are discovered, withdraw them from service immediately.
- Place portable ladders on a substantial base at a 1H:4V pitch, have clear access at top and bottom, extend a minimum of 36 inches above landing or, where not practicable, provide grab rails. Secure top and bottom against movement while in use.
- Portable metal ladders may not be used for electrical work or where they may contact electrical conductors.
- Job-made ladders will be constructed for their intended use. Cleats will be inset into side rails ½ inch, or filler blocks used. Cleats will be uniformly spaced, 12 inches top to top.
- Three points of contact must be maintained when ascending and descending ladders.

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## **LASERS**

- Only trained employees will be allowed to operate lasers.
- Employees will wear proper eye protection where there is a potential exposure to laser light greater than 0.005 watts (5 milliwatts).
- Beam shutters or caps will be utilized, or laser turned off when laser transmission is not actually required. When lasers are left unattended for a substantial period of time, turn them off.

## **POTABLE WATER**

- It is the responsibility of site supervision to ensure that a sufficient amount of fresh potable water is provided to all employees daily.
- Water coolers should be cleaned daily to ensure sanitary conditions.
- Cups must be provided and stored in a sanitary location. The use of a community cup is prohibited.

## **ROLLOVER PROTECTIVE STRUCTURES (ROPS)**

- Rollover protective structures (ROPS) standards apply to the following types of material handling equipment used in construction operations:
  - All rubber-tired, self-propelled scrapers.
  - Rubber-tired, front-end loaders.
  - Rubber tired dozers.
  - Wheel-type agricultural and industrial tractors.
  - Crawler-type loaders.

## **TOILETS**

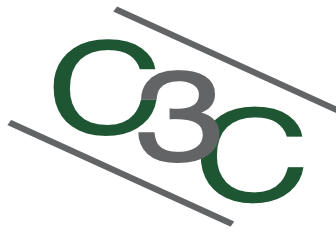
- Toilets will be provided according to the following guidelines:
  - Twenty or fewer persons – One facility.
  - Twenty or more persons – One toilet seat and one urinal per 40 persons.

## **WIRE ROPES / CHAINS / ROPES AND OTHER RIGGING EQUIPMENT**

- All wire ropes / chains / ropes and other rigging equipment must be inspected by a competent person prior to use, and as necessary during use to ensure safety.
- Defective rigging equipment must be tagged and removed from service immediately.
- Job or shop hooks and links, or makeshift fasteners formed from bolts, rods, or other such attachments may not be used.
- All rigging equipment must be properly tagged to show rated load capacities.
- Under no circumstances will any rigging equipment be used for anything other than its intended purpose and/or rated load capacity.

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## HAZARD COMMUNICATION PROGRAM

This program has been prepared to comply with the requirements of the Federal OSHA standard 1926.59 and to ensure that information necessary for the safe use, handling, and storage of hazardous chemicals is provided to and made available to all **(Chord III)** employees, subcontractor employees, and visitors. This program includes guidelines on identification of chemicals, their hazards, and the preparation and proper use of container labels, placards, and other types of warning devices.

### CHEMICAL INVENTORY

- **(Chord III)** maintains an inventory of all known hazardous chemicals in use on each of its construction projects. This list will include those hazardous chemicals brought in and used.
- No hazardous chemicals are to be brought on site without prior approval from site management. Once approved, quantities and Safety Data Sheets (SDS) must be provided to the site superintendent.
- The chemical inventory list will be updated as new hazardous chemicals are brought on site.

### CONTAINER LABELING

- All hazardous chemicals on site will be stored in their original or approved container with the proper label attached, except small quantities for immediate use.
- Any container found not properly labeled should be brought to the attention of the site superintendent. Site management shall either label the container or properly dispose of it. If the hazardous chemical belongs to a subcontractor, site superintendent will notify that subcontractor to label the container or properly dispose of it.
- Workers may dispense chemicals from original containers only in small quantities intended for immediate use. Any chemical left after work is completed must be returned to the original container, or to the supervisor for proper handling.
- No unmarked containers of any size are to be left in the work area unattended.

### SAFETY DATA SHEETS (SDS)

- **(Chord III)** will maintain an SDS for every hazardous substance brought on site. This will include substances used by **(Chord III)** as well as those used by subcontractors.
- Employees may request a copy of the SDS. Requests for SDS(s) should be made to the site management.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

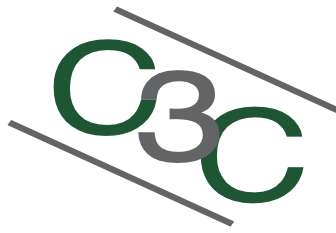
- Any PPE deemed necessary by the SDS will be provided to employees by site management.
- Site management will explain proper use of this PPE.

### EMERGENCY RESPONSE

- Any incident of overexposure or spill of a hazardous chemical / substance must be reported to the employee's supervisor, who will immediately report to the site superintendent.
- Site management will be responsible for ensuring that proper emergency response actions are taken.

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#### **HAZARDS OF NON-ROUTINE TASKS**

- Supervisors will inform employees of any special tasks that may arise which would involve possible exposure to hazardous chemicals.
- Review of safe work procedures, use of required PPE, and completion of JSA will be conducted prior to the start of such tasks. Where necessary, areas will be posted to indicate the nature of the hazard involved.

#### **INFORMING OTHER EMPLOYERS**

- Other on-site employers are required to adhere to the provisions of OSHA's hazard communication standards 1926.59.
- As noted above, information on hazardous chemicals known to be present will be exchanged with other employers. Employers will be responsible for providing necessary information to their employees.

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