



**Coca-Cola Bottling Company United Birmingham  
Headquarters**

**Between**

**Occupational Safety and Health Administration  
Birmingham, Alabama Area Office,**

**University of Alabama  
SafeState,**

**And**

**Brasfield & Gorrie, LLC.**

## **I. PURPOSE/SCOPE**

This Partnership was developed jointly by the Occupational Safety and Health Administration (OSHA), Brasfield & Gorrie, LLC (Brasfield & Gorrie), and the University of Alabama SafeState On-site Consultation Program (UA SafeState). UA SafeState will participate in the Partnership for the benefit of small employers engaged as subcontractors on the jobsite. To facilitate the goal of reducing occupational-related fatalities and serious injuries within the construction industry, OSHA and Brasfield & Gorrie will implement a Partnership under the OSHA Strategic Partnership Program (OSPP). The common objective and goals of the Partnership include the following:

- A. Reduce injuries and illnesses;
- B. Increase safety and health training; and
- C. Increase the number employers with safety and health management systems.

This Partnership covers the Coca-Cola Bottling Company United (CCBCU) Birmingham Headquarters in Birmingham, Alabama. The new CCBCU Project (Project) will be located along 40<sup>th</sup> Street N in Birmingham, Alabama just off Interstate - 20/59. The Partnership's current scope of work includes a new three (3) story steel corporate office building (155,000 SF), Steel Distribution Center (368,000 SF), Steel Fleet Service Building (46,000 SF), Classic Foods (31,000 SF), as well as a welcome center and entrance canopy.

By combining their efforts, skills, knowledge and resources, OSHA, Brasfield & Gorrie, and UA SafeState expect to reduce exposure to hazards and thereby decrease the possibility of serious injuries and fatalities at the Project. This Partnership is consistent with OSHA's long-range efforts to develop a contractor/government Partnership approach to safety management. It allows for better use of OSHA resources and innovation in safety management. It will also encourage more participation in the safety process from the construction community.

## **II. IDENTIFICATION OF PARTNERS**

The Partnership participants will include:

- the Occupational Safety and Health Administration;
- Brasfield & Gorrie, LLC; and
- UA Safe State

## **III. GOALS/STRATEGIES/PERFORMANCE MEASURES**

The primary objective of this Partnership is to create a working relationship that focuses on 1) preventing work-related fatalities; 2) controlling or eliminating

serious workplace hazards; and 3) establishing a foundation for the development of an effective safety and health program. The goals employed to achieve these results will include the following:

<b>GOALS</b>	<b>STRATEGIES</b>	<b>MEASURES</b>
<p>Maintain an OSHA recordable injury frequency at or below the national average for the applicable SIC/NAICS code.</p> <p>Provide a safe and healthy work environment for construction industry workers employed at this project.</p>	<p>1) Review the OSHA 300 Log data of the Partnership participants and their contractors, excluding OSHA.</p> <p>2) Calculate Total Case Incident Rate (TCIR) and Days Away from Work, Restricted, Or Job Transferred (DART) <sup>1</sup> rate.</p> <p>3) Compare this data with the baseline rates for the Partnership.</p>	<p>a) This goal will be measured by the number of companies participating in the Partnership, which reduce their TCIR and DART rates below the baseline for the Partnership.</p> <p>b) The baseline rate will be based on the 2022 BLS rates for Non-Residential Construction, NAICS 2362, which are 1.7 and 0.9.</p>
<p>Effectively control workplace hazards by increasing the number of construction companies with safety and health management systems (SHMS). This may be accomplished by using OSHA's Safe + Sound as a model (To include Management Leadership; Worker Participation; and Find &amp; Fix Hazards).</p>	<p>1) Methods to evaluate the participants' performance in this area will include the implementation of comprehensive safety and health management systems and an increase in the number of employers that establish effective safety and health management systems.</p> <p>2) Review the number of employers establishing safety and health programs, based on the Safe + Sound model. These items may include, but are not limited to, the following: safety and health policies statement; job hazard analysis; accident investigation; and hierarchy of controls.</p>	<p>a) Compare the number of participants that develop and implement effective SHMS as a result of participating in the Partnership, to the baseline for the Partnership.</p> <p>b) The baseline will be established during the initial year of the Partnership.</p>

GOALS	STRATEGIES	MEASURES
Increase the number of employees that are provided effective safety and health training, such as the OSHA 10-hour course and relevant Competent Person and user level training.	<p>1) Evaluate employers that provide employees with OSHA 10-hour/ OSHA 30-hour training and appropriate Competent Person and user training and establish baseline.</p> <p>2) Review the number of the employers that provide employees with OSHA 10-hour/ OSHA 30-hour training.</p> <p>3) Require all subs to have a 30-hour trained competent person on site at a minimum</p>	<p>a) Compare the number of employees provided safety and health training, as a result of participating in the Partnership, to the number of employees provided training during the baseline (initial) year of the Partnership.</p> <p>b) The baseline will be established during the initial year of the Partnership.</p>

<sup>1</sup>Days Away from work, Restricted, or job Transferred (DART) rate: This includes cases involving days away from work, restricted work activity, and transfers to another job. It is calculated based on  $(N / EH) \times (200,000)$  where N is the number of cases involving days away, and/or restricted work activity, and/or job transfer; EH is the total number of hours worked by all employees during the calendar year; and 200,000 is the base number of hours worked for 100 full-time equivalent employees. For example: Employees of an establishment including management, temporary, and leased workers worked 645,089 hours at this worksite. There were 22 injury and illness cases involving days away and/or restricted work activity and/or job transfer from the OSHA 300 Log (total of column H plus column I). The DART rate would be  $(22 / 645,089) \times (200,000) = 6.8$

## IV. MANAGEMENT AND OPERATION

### A. Brasfield & Gorrie will:

1. Establish a jobsite safety team, consisting of a representative of all primary contractors on site, to develop an understanding and awareness that all accidents are preventable and unnecessary, and a comprehensive safety and health management system, which includes:
  - a. Management commitment and employee involvement;
  - b. Hazard analysis;
  - c. Hazard control; and
  - d. Arrangement of training assistance for other stakeholders on site.
2. Mentor subcontractors in safety and health management systems. The term “subcontractors” shall include all multi-tiered subcontractors that arrive for work on the site.

3. Where the potential for air borne silica exposure exists, personal air monitoring will be conducted to assess employee exposure levels. In addition, where the potential for airborne silica exposure exists, require the use of wet cutting and/or dust collection system in compliance with Table 1 of 29 CFR Part 1926.1153. Approved respiratory protection is required in accordance with 1926.1153(e)(1). Where the potential for other health issues exists (i.e., carbon monoxide, lead, or large-scale use of chemicals in the building interior during floor finishing), Brasfield & Gorrie will coordinate with the subcontractor responsible for creating the hazard and ensure that air monitoring is accomplished to assess employee exposure levels. Brasfield & Gorrie will compile and track sampling results.
4. Have the authority to enforce safety rules and regulations. This enforcement authority will include provisions to hold contractors, subcontractors, and employees accountable for safety rules and regulations, and, if necessary, remove contractor's employees and supervisors from the job site, following proper disciplinary procedures.
5. Ensure that a competent person performs a risk assessment of all fall hazards. The probability and severity of occurrence for each identified hazard will be evaluated to eliminate or reduce the risk through engineering or administrative controls to a level as low as possible. Regarding full hazard risk assessments:
  - a. Critical risks will not be tolerated. A critical risk is defined by work that contains high probability in occurrence and high severity in consequence. No work will be performed until action is taken to reduce the level of risk to as low as reasonably feasible.
  - b. All personnel exposed to a fall greater than 6 feet shall conform to Brasfield & Gorrie's 100 percent tie-off for all employees with fall exposure at heights at six feet or greater (see Site-Specific Safety and Health Plan (SSSP)).
6. Ensure, to the extent feasible, serious ergonomic hazards will be identified and corrected.
7. Ensure that ground fault circuit interrupters (GFCI) are used to protect all electrical circuits that are used for work. All contractors will ensure that employees are protected by the use of a GFCI at all times.

8. Ensure that Brasfield & Gorrie's Superintendent and on-site Safety Manager will serve as points of contact, monitoring safety and health at the site and its progress toward achievement of the Partnership goals.
9. Confirm that Brasfield & Gorrie's Superintendent and onsite Safety Manager will ensure that daily safety audits are conducted. Brasfield & Gorrie will review subcontractors' daily logbooks, note any hazards found, and then review them at the weekly coordination/subcontractor meeting.
10. Conduct and document job site safety meetings/toolbox talks with subcontractors and their employees on a weekly basis.
11. Brasfield & Gorrie's Superintendent and Project Manager will lead, coordinate, and conduct a comprehensive site audit on a weekly basis. Safety Committee and subcontractor representatives will participate in the site safety audit. If non-compliant activity or hazards are discovered, immediate correction is required. Brasfield & Gorrie will document the corrective action taken and share this information with OSHA during the monthly update meetings.
12. Audit the Partnership and make recommendations for improvement.
13. Share the results of jobsite inspections and information concerning near misses with all workers. Near misses and daily safety audits will be discussed during toolbox talks.
14. Ensure that no employees are allowed to work directly below a suspended load except for situations where no other safe alternative may exist. In these rare cases, the following criteria must be met:
  - a. Materials being hoisted shall be rigged to prevent unintentional displacement.
  - b. Hooks with self-closing safety latches or their equivalent shall be used to prevent components from slipping out of the hook.
  - c. A qualified rigger shall rig all loads.
  - d. Appropriate use of tag lines will be utilized to minimize work below suspended loads.

15. Require the use of appropriate personal protective equipment. Hard hats are mandatory. Employees on-site shall wear high-visibility reflective clothing. A 100 percent eye protection program will be implemented. Gloves must be worn when hand injuries are likely to occur.
16. Ensure that all signs and warnings are posted in English and Spanish, as well as any other languages spoken frequently by workers on-site.
17. Implement an effective Heat Illness Prevention Program (Heat Program) to educate workers about the hazards of working outdoors in the heat and steps needed to prevent heat-related illnesses.
18. Provide all data to OSHA that is needed for the annual OSHA Strategic Partnership Program (OSPP) evaluation report (see Section VI).

**B. Subcontractors will:**

1. Appoint a representative to the site Safety Committee who will be responsible for resolving job safety matters and serving as a liaison to Brasfield & Gorrie's Superintendent. Every subcontractor will have a person available to participate in the Safety Committee. Participation in this committee will consist of, but will not be limited to, participation in the Project Team Safety walkthroughs and monthly safety update meetings.
2. Participate in the monthly Safety Committee/subcontractor meeting and safety audits. If non-compliant activity or hazards are discovered, immediate correction is required. Abatement methods and verification must be submitted to Brasfield & Gorrie's on-site Safety Manager, who will document the correction taken and share this information during the monthly update meetings.
3. Conduct jobsite safety inspections for employees under their supervision. These jobsite safety inspections will be in addition to the general inspections that are to occur daily. If non-compliant activity or hazards are discovered, immediate correction is required. Documentation of abatement methods and verification must be submitted to Brasfield & Gorrie's on-site Safety Manager.
4. Share the results of jobsite inspections with all workers by posting them in the project office and notifying all workers of the location of the results.

**C. OSHA will:**

1. Participate, to the extent resources permit, in the monthly Partnership Committee/subcontractor meetings, but will not participate in the walk around inspection, except that the verification visits (see Section VIII. OSHA Verification below) may be scheduled as part of the weekly walk around inspection.
2. Serve as a resource and liaison for Partnership participants and also assist with safety and health training, as resources permit.
3. Give priority to the construction project, as resources permit, when technical assistance is needed.
4. Audit the monthly reports/documents and make recommendations for improvements in meeting Partnership goals.
5. Conduct inspections in accordance with section VIII of this Partnership.
6. Conduct the annual Partnership evaluation report in accordance with section VI of this Partnership.

**D. UA SafeState will:**

1. Perform quarterly safety and health audits at the partnership site. Priority will be given to scheduling these consultative visits. All sub-contractors will participate in these audits. These consultations will be performed in accordance with OSHA's Consultation Policies and Procedures Manual.
2. As resources permit, serve as a resource for safety and health training for Partnership participants.
3. Provide industrial hygiene monitoring and consultative services to Partnership participants.
4. Give priority to the construction project, as resources permit, when technical assistance is required.
5. Assign a representative to participate on the Partnership Committee.

6. Audit the monthly reports/documents and make recommendations for improvements in meeting Partnership goals.

## **V. SAFETY AND HEALTH MANAGEMENT SYSTEM**

Brasfield & Gorrie will use its system to collect and analyze injury and illness trends (including near-miss incidents) by all contractors performing work at the site. This data will be used as a tool to ensure continual safety and health improvement at the site. Brasfield & Gorrie will manage this Partnership effectively by implementing a comprehensive jobsite safety and health management system, which will include the following components:

1. Brasfield & Gorrie will complete a risk assessment prior to exposing employees (including contractors' employees) to potential safety and health hazards. This will be accomplished by the use of a Crew Work Plan - Risk Assessment (CWP) form (see Appendix 1 for Crew Work Plan).
2. Working with OSHA and Safety Committee members to provide the resources to conduct initial monitoring for toxins, which are anticipated to be present during construction of this project (silica, etc.). Employee exposures during activities, which may produce these hazards, will be assumed with respiratory protection required and worn until the results of the initial monitoring studies are received and demonstrate no exposure problems or site-based prior surveys show no hazard exists. Brasfield & Gorrie will endeavor to ensure that no work with these materials will occur, thus preventing any exposure.
3. Daily audits will be performed by all contractors on-site. In addition, on a weekly basis, a comprehensive audit of the jobsite will be performed, with the participation of a representative of each contractor currently working on-site. Any hazards found during the audits will be corrected promptly. Items noted on the audit will be annotated on a daily log. When hazards cannot be corrected immediately, they will be tracked until abatement is completed. Employees exposed to these hazardous conditions will be informed of the hazard and effective interim control measures will be implemented. A record will be kept of all hazards found during the weekly audits and the number of hazards corrected as a result of the weekly audits.
4. Implementing an aggressive Fall Protection Plan to include fall protection in all cases where work is being performed 6 feet or more above lower surfaces.

5. Ensuring employees receive training as follows:
  - a. Brasfield & Gorrie workers will have received OSHA 10-hour training and possess an OSHA 10-hour card, and all Brasfield & Gorrie supervisors will have received OSHA 30-hour training and possess an OSHA 30-hour card. Brasfield & Gorrie will work with all subcontractors to provide or assist in providing their safety designee with OSHA 10-hour training.
  - b. All employees will receive a site-specific construction safety orientation covering jobsite safety and health issues, procedures relative to the work being performed, as well as the requirements outlined in the Partnership. In addition, employees shall receive training on the content of the Site-Specific Safety Action Plan for operations they will encounter. This may require periodic retraining of employees on the content of the Site-Specific Safety Action Plan as specific parts of the Plan become relevant at new phases of construction. This material will be provided by Brasfield & Gorrie to the subcontractors' designated safety representative for completion (see Appendix 2 for SSSAP).
  - c. Safety and health training, including the OSHA 10- and 30-hour courses, will be provided to all workers in a language they understand. Either effective translators or bi-lingual instructors will be utilized to perform this training.
  - d. Additional hazard-specific training will be conducted on an as-needed basis.
  - e. Subcontractors utilizing other instructors for competent person, OSHA 10/30-hr, and equipment training must provide a valid certification card showing completion of the course. Subcontractors have primary responsibility for providing the safety and health training.
7. Subcontractors will be required to develop an adequate safety and health management system and must submit them to Brasfield & Gorrie for evaluation.
8. Ensuring Brasfield & Gorrie and/or the affected subcontractors adequately address health-related issues, which occur during the course of the project, with the assistance of OSHA as its resources permit. All health-related issues will be discussed monthly during the Partnership update meetings.

- a. An effective hearing conservation program, including noise monitoring and implementation of engineering controls, where possible, will be implemented by Brasfield & Gorrie's Safety Department.
  - b. An effective environmental monitoring program will be implemented to control airborne hazards, such as silica, and will include personal monitoring, employee training, implementation of engineering controls where possible, and the use of respiratory protection when necessary. Previous site-based data will be considered acceptable.
- 9. Ensuring compliance with the NFPA 70E when working on live electrical equipment, including training and the availability and use of personal protective equipment. A permit system will be implemented whenever work around live electrical systems will be done to ensure the implementation of appropriate protective measures prior to exposure. The permit form includes requirements for pre-task review and lock out/tag out procedures to be followed.
- 9. Ensuring all equipment is adequately guarded.

## **VI. ANNUAL EVALUATION**

The Partnership will be evaluated on an annual basis through the use of the Strategic Partnership Annual Evaluation Format as specified in Appendix C of OSHA Instruction CSP 03-02-003, OSHA Strategic Partnership Program for Worker Safety and Health.

Brasfield & Gorrie will be responsible for gathering required participant data to evaluate and track the overall results and success of the Partnership. This data will be shared with OSHA. OSHA will be responsible for writing and submitting the annual evaluation report.

## **VII. INCENTIVES**

Participant incentives from OSHA may include:

- 1. Maximum penalty reductions for good faith and history, to the extent allowed by the OSHA Field Operations Manual (FOM), OSHA Instruction CPL 02-00-164 (April 14, 2020).
- 3. In the event that a citation with penalties is issued, the Area Director has the authority to negotiate the amount of an additional penalty reduction as part of the informal conference settlement

agreement, which is consistent with OSHA's current policy regarding this matter.

4. Priority consultation service and assistance for small employers working on the construction site from the UA Safe State.
5. An OSHA focused inspection is available where the Partnership participant has an effective safety and health management system fully compliant with 29 CFR 1926.20 and 29 CFR 1926.21 (For additional details refer to the August 22, 1994, memo signed and issued by former Deputy Assistant Secretary for OSHA James Stanley, which was revised on September 20, 1995).

## **VIII. OSHA VERIFICATION**

1. Verification Enforcement Inspections: OSHA will conduct the initial verification enforcement inspection no sooner than two months, but within three months after Partnership participants formally enter into this agreement. During this period, participants should develop and implement the safety and health management systems required under this Agreement. After this period, OSHA will conduct an annual verification enforcement inspection. Compliance Safety and Health Officers (CSHOs) familiar with the Project will do verification inspections. Employee rights under the OSH Act will be afforded. During the verification enforcement inspections, if OSHA personnel identify serious hazards that the site management refuses to correct, the scope of the inspection may be expanded.
2. Complaint/Referral Investigations: This Partnership provides for the immediate response to each allegation of a safety or health hazard brought to its attention by any person. Upon a finding that an allegation is valid, the employer shall promptly abate the hazard.
3. OSHA agrees that a copy of each non-formal complaint/referral related to the work site and filed with OSHA will be delivered to the CCBCU Project office by email or forwarded by fax. In accordance with applicable law, the name of the complainant requesting confidentiality will not be revealed. Brasfield & Gorrie agrees to investigate these complaints, regardless of which employer(s) is/are involved and provide OSHA with a written response within 5 working days of receiving the non-formal complaint/referral.
4. Accident Investigations: Employers engaged in this Partnership recognize that OSHA fully investigates accidents involving a fatality or serious physical harm. If during the course of the investigation

OSHA determines that the incident resulted from violations of OSHA standards, the Partnership may be terminated.

## **IX. WORKER INVOLVEMENT/ WORKER AND EMPLOYER RIGHTS**

This Partnership does not preclude employees and/or employers from exercising any right provided under the OSH Act (the Act), nor does it abrogate any responsibilities of the Partnership participants to comply with rules and regulations adopted pursuant to the Act.

Brasfield & Gorrie, LLC will ensure employee involvement by establishing an employee Safety Committee that will meet on a monthly basis to share the results of jobsite inspections, information concerning accidents and near misses, suggestions for improvement and recommendations for training for the general workforce. The Partnership members' management and supervisors will also continue to discuss near misses and daily safety audits during toolbox talks.

## **X. TERM OF PARTNERSHIP**

It is understood that this Partnership shall be in effect until completion of construction activities at the CCBCU Birmingham Headquarters site, but in no case longer than three years from the date the Partnership is signed. If any signatory of this Partnership wishes to terminate their participation prior to the established termination date, a written notice of the intent to withdraw must be provided to all other party(s), which provides a 30-day notice.

If OSHA chooses to withdraw its participation in the Partnership, the entire Partnership is terminated. Any party may also propose modification or amendment of the agreement. Changes may be implemented, if all parties are in agreement that the changes are in the best interest of the Partnership.

## **XI. CCBCU Birmingham Headquarters STRATEGIC PARTNERSHIP**

Partnership Signing Date: \_\_\_\_\_

\_\_\_\_\_  
Joel Batiz  
Area Director  
Occupational Safety & Health  
Administration (OSHA)

\_\_\_\_\_  
Jackson Veasey  
Regional Safety Director  
Brasfield & Gorrie, LLC

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Jacob Waits  
Safety Manager  
Brasfield & Gorrie, LLC

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Steven Manown  
Project Director  
Brasfield & Gorrie, LLC

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Darrell Morris  
Senior Superintendent  
Brasfield & Gorrie, LLC

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Tyler Gurley  
Project Manager  
Brasfield & Gorrie, LLC

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Michael Tortorici  
Division Manager  
Brasfield & Gorrie, LLC

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Logan Watters  
Senior Safety Manager  
Brasfield & Gorrie, LLC

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Tim Kozain  
Operations Manager  
Brasfield & Gorrie, LLC

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Rob Underwood  
General Superintendent  
Brasfield & Gorrie, LLC

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Randy Easterling  
Safety Program Supervisor  
UA Safe State

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Donald Elswick  
Executive Director  
UA Safe State

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Matt Hollub  
Associate Director  
UA Safe State

# APPENDIX 1

## DAILY CREW WORK PLAN

Dates: \_\_\_\_\_

Project Name: \_\_\_\_\_

Location of Work: \_\_\_\_\_

Foreman: \_\_\_\_\_

Weather Forecast: \_\_\_\_\_

Superintendent: \_\_\_\_\_

### PRODUCTION GOALS

What are our production goals for today?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

### EMERGENCY ACTION PLAN

Evacuation Route/Assembly Area: \_\_\_\_\_

Emergency Phone Number: \_\_\_\_\_

Location Address: \_\_\_\_\_

### REVIEWERS

Superintendent: \_\_\_\_\_

Safety: \_\_\_\_\_



### ANY NEW CREW MEMBERS (LESS THAN 90 DAYS)

BLUE VEST EMPLOYEES	ASSIGNED COACHES



Scan with your mobile device for available resources



### SEE IT. OWN IT. SHARE IT.

Every crew member has an obligation to stop work if something is unsafe.

By signing below, each crew member acknowledges complete understanding of the assigned tasks, identified hazards and the appropriate elimination/mitigation actions. By initialing at the end of the day, each crew member acknowledges that they were not injured. All incidents and injuries should be reported immediately to Brasfield & Gorrie supervision.

Name	Initial Out
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	

## STCKY PLAN

## CONFINED SPACES

## TODAY'S WORK

## CONTROLS

- |                          |                                    |
|--------------------------|------------------------------------|
| <input type="checkbox"/> | CP                                 |
| <input type="checkbox"/> | Confined Space Classification Form |
| <input type="checkbox"/> | Confined Space Entry Permit        |
| <input type="checkbox"/> | Air Monitoring                     |
| <input type="checkbox"/> | Recovery System                    |
| <input type="checkbox"/> | Ventilation Equipment              |
| <input type="checkbox"/> | Other                              |

## ELECTRICAL

## TODAY'S WORK

## CONTROLS

- |                          |  |
|--------------------------|--|
| <input type="checkbox"/> | LOTO                                   |
| <input type="checkbox"/> | Verify circuit is de-energized         |
| <input type="checkbox"/> | Maintain distance from live electrical |
| <input type="checkbox"/> | Energized Work Permit                  |
| <input type="checkbox"/> | Line Break Hot Tap Permit              |
| <input type="checkbox"/> | Regular Tool and Cord Inspection       |
| <input type="checkbox"/> | Designated Travel Routes               |
| <input type="checkbox"/> | Other                                  |

## UTILITY STRIKES

## TODAY'S WORK

## CONTROLS

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | Third Party Locates and 811               |
| <input type="checkbox"/> | Utility Markings                          |
| <input type="checkbox"/> | Dig Permit                                |
| <input type="checkbox"/> | Slab/Wall Penetration Permit              |
| <input type="checkbox"/> | Dig Board                                 |
| <input type="checkbox"/> | Soft dig when within 18" of known utility |
| <input type="checkbox"/> | Designated Travel Routes                  |
| <input type="checkbox"/> | Other                                     |

## FALL

## TODAY'S WORK

## CONTROLS

- |                          |                             |
|--------------------------|-----------------------------|
| <input type="checkbox"/> | Personal Fall Arrest System |
| <input type="checkbox"/> | Guard Rail System           |
| <input type="checkbox"/> | Hole Covers                 |
| <input type="checkbox"/> | CP                          |
| <input type="checkbox"/> | Equipment Certification     |
| <input type="checkbox"/> | Fall Rescue Plan            |
| <input type="checkbox"/> | Designated Travel Routes    |
| <input type="checkbox"/> | Other                       |

## EXCAVATIONS

## TODAY'S WORK

## CONTROLS

- |                          |                     |
|--------------------------|---------------------|
| <input type="checkbox"/> | Trench Boxes        |
| <input type="checkbox"/> | Air Monitor         |
| <input type="checkbox"/> | Dig Permit          |
| <input type="checkbox"/> | CP                  |
| <input type="checkbox"/> | Slope at 5'1½:1     |
| <input type="checkbox"/> | Access Egress at 4' |
| <input type="checkbox"/> | Spoil Pile 2' Back  |
| <input type="checkbox"/> | Other               |

## FALLING OBJECTS

## TODAY'S WORK

## CONTROLS

- |                          |                       |
|--------------------------|-----------------------|
| <input type="checkbox"/> | Pearl Weave           |
| <input type="checkbox"/> | Debris Netting        |
| <input type="checkbox"/> | Tool Tethers          |
| <input type="checkbox"/> | Area Below Barricaded |
| <input type="checkbox"/> | Signage               |
| <input type="checkbox"/> | Spotter               |
| <input type="checkbox"/> | Other                 |

## CRANES/RIGGING

## TODAY'S WORK

## CONTROLS

- |                          |  |
|--------------------------|--|
| <input type="checkbox"/> | Certified Operator                     |
| <input type="checkbox"/> | Critical Lift Plan                     |
| <input type="checkbox"/> | Certified Rigger/Signaler              |
| <input type="checkbox"/> | Whistles                               |
| <input type="checkbox"/> | Anti-Collision Device/Coms             |
| <input type="checkbox"/> | Maintain Distance from Energized Lines |
| <input type="checkbox"/> | Designated Travel Routes               |
| <input type="checkbox"/> | Other                                  |

## STRUCK-BY

## TODAY'S WORK

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## CONTROLS

---

- |                          |                            |
|--------------------------|----------------------------|
| <input type="checkbox"/> | Traffic Control Plan       |
| <input type="checkbox"/> | Trained Flagger            |
| <input type="checkbox"/> | Certified/Trained Operator |
| <input type="checkbox"/> | Scaffolds Protected        |
| <input type="checkbox"/> | Class 2 Hi Vis             |
| <input type="checkbox"/> | Backup alarm/Spotter       |
| <input type="checkbox"/> | Designated Travel Routes   |
| <input type="checkbox"/> | Other                      |

## OTHER

## TODAY'S WORK

## CONTROLS

- [illegible]



## **Scope of Work:**

Brasfield & Gorrie's primary workload will consist of general construction. All site employees will be required to complete daily Crew Work Plan meetings and will be supervised by a site foreman. The superintendent and safety manager will have the responsibility of enforcing safety on a daily basis. Brasfield & Gorrie will assist subcontractors with site coordination and planning.

## **Public Protection:**

During non-working hours the jobsite's gates shall be locked. No trespassing signs shall be posted in conspicuous areas on the perimeter of the project to warn the public to stay out of the site. Manned security will be implemented during non-work hours in the evenings and weekends. All visitors will be required to sign-in at the Brasfield & Gorrie office trailer. B & G management will be responsible for making sure all visitors are accompanied on the project and are informed of site personal protective equipment requirements.

## **Orientation:**

Site specific orientation will be held on an as needed basis. All employees who are or will be working on site must attend this training prior to beginning work on the project. This training will encompass site safety, procedures, hazard communication, emergency planning, and basic construction safety. A site-specific orientation sticker will be issued to all employees who attend this training and complete safety acknowledgment form.

## **Site Logistics:**

All haul roads will be built and maintained by site contractor. Laydown area is available to each subcontractor as needed. Work will only take place in the daytime unless light towers are installed to provide workers with adequate visibility. Wash out areas will be provided to concrete trucks and pump trucks in areas that will not affect traffic. Brasfield & Gorrie will manage trash dumpsters on the project.

## **Crane Operations:**

Only certified crane operators will be allowed to operate cranes on site. Only qualified riggers/flaggers will be allowed to signal the crane and rig loads to be flown. Hand signals/radios will be used to communicate with the crane operator. Whistles will be used to alert all employees in the area that a pick is being made. All loads must have a non-conductive tag line attached. For mobile cranes, the swing radius of the crane must be barricaded at all times. Outriggers must have appropriate cribbing in place prior to any loads being flown.

If a crane's working radius encompasses active power lines, one of the following must be done:

1. De-energize and ground the power lines (Must be done by the appropriate utility company)
2. Maintain a minimum 20 feet safe approach distance
3. Determine the voltage of the lines and follow safe approach distances Table 4.2 in SHEMS

### **Personal Protective Equipment:**

Hard hats, high visibility vest or shirt, long pants, work boots, and safety glasses shall be worn at all times. This practice will be enforced on a daily basis as per Brasfield & Gorrie's safety policy. Brasfield & Gorrie will monitor subcontractors PPE at all times. Failure to wear mandatory PPE will result in verbal and written warning. If problems persist employees may be suspended or removed from the project.

### **Fall Protection:**

All subcontractors will be required to have fall protection when exposed to a fall of 6' or greater. Brasfield and Gorrie has a zero-tolerance policy on fall protection infractions. Any employee observed violating the fall protection policy will be suspended from the project for a time-period to be determined by the project team. Any further infractions by that employee will result in the employee's permanent removal from the project.

Each subcontractor is required to create a plan or system to address fall protection within their scope of work. These plans or systems are maintained in their company's site-specific safety plans. Each company's site-specific plan is kept at the B & G office trailer.

### **Guardrails and Floor Opening Protection:**

All guardrails, both wire rope and wooden, will be built to comply with Brasfield & Gorrie SHEMS manual. The top railing will be at 42" +/- 3" and able to withstand a downward and outward force of 200 lbs. All railings will include a mid-rail set at 21" +/- 3" and able to withstand a force of 150 lbs. All guardrails that are in locations with work or foot traffic under them shall have toe-boards installed to prevent materials and tools from falling. This toe-board will be maintained until glass or precast concrete is set on the exterior of the building rendering them un-needed. If wire rope is used for guardrails, the wire rope must be at a minimum 3/8" diameter and flagged every 6'. The wire rope must be kept taut so it will be able to withstand a force of 200 lbs. and not sag below 39". Three clips must be installed at attachment points with 3" spacing between them.

All floor holes that are 2" or greater will be covered with plywood and marked with hi-vis paint. Any holes over 8" will be identified with the words "Hole or Cover" and "Hoyo". In the case of depressions/recesses, the area will be flagged off to warn of the depression or the edge will be painted with hi-vis paint. All covers will be secured to prevent accidental displacement. Hole covers must be made to withstand twice the weight of worker, materials, and tools. No materials can be stored around or on top of hole covers. Covers must be kept well maintained and swept clean.

### **Roof Access:**

Only authorized personal will be allowed on the roof. Fall protection will be required around leading edges beyond warning lines. Roofers will install a warning line 6' back from the edge of the roof. This warning line is only to be used by the roofer. All other subcontractors will be required to install a warning line 15' back from the roof if desired. If work is to take place beyond the warning line, a fall restraint or fall arrest system must be utilized.

### **Trenching and Utility Lines:**

Brasfield & Gorrie and all subcontractors involved in trenching activities will be required to complete an excavation inspection for all excavations or trenches that are 4' or deeper. These reports will be completed daily, after rainstorms, and after an event where conditions may change the characteristics of the trench. These are to be completed by a competent person and submitted to Brasfield & Gorrie. Trenches of significant depth or trenches that are obstructed from view shall be flagged to prevent accidental injury. Trenches 4' or greater in depth will have a means of access and egress (ladder, ramp, stair, etc.). All trenches shall be guarded or sloped when at a depth of 5' or greater. In compliance with SHEMS, Brasfield & Gorrie will assume all soils are type C until a soils engineer proves otherwise. Acceptable sloping for trenches or excavations 5' in depth or greater is 1.5:1. Any excavations or trenches 20' or greater in depth must have shoring/shielding system designed by a registered professional engineer.

Brasfield & Gorrie Dig permits will be completed before any excavation takes place. This will ensure all utilities are located by a third party and adequate steps are then to protect employees during excavation process. If utilities are present in the proposed excavation, soft digging methods must be utilized. Once utilities have been uncovered, they must be brace and protected from damage.

### **Safety Meetings and Training:**

All subcontractors are required to attend the weekly project safety meeting. Brasfield & Gorrie will provide site specific orientation to all new employees on site. Orientation and hazard awareness training will be administered on an as needed basis. PM/Superintendent safety walks will be held biweekly, and a supervisory member of each subcontractor is expected to attend. All deficiencies identified will be sent to the responsible subcontractors via emails. Subcontractors are required to respond to these deficiencies in writing within 48 hours. Failure to abate deficiencies or respond in writing could delay payment.

### **Emergency Action Plan:**

Emergency Action Plan (EAP) will be posted in common areas around the project site (Brasfield & Gorrie trailer, job boards, break areas, etc.). The plan will be included in each employee's orientation. The EAP will be reviewed periodically during site wide safety meetings and scheduling meetings. This plan is subject to change, as the site progresses, all employees will be notified and retrained if any changes are made. Please see the site specific EAP on the following pages.

# EMERGENCY ACTION PLAN

## CCBCU Birmingham Headquarters



Address: Enter text

Site Office Phone: Enter text

Radio Channel #: Enter text

Date: Enter text

### Emergency Response Team

(1 = Primary / 2 = Secondary)

CONTACT INFO		INSTRUCTIONS
1. Jacob Waits	Enter phone #	Determine if emergency services need to be notified and coordinate actions of Emergency Response Team. Bring AED/Trauma Kit to employee and remain with injured employee until emergency services arrive.
2. Jonathan Poole	Enter phone #	
1. Chuck Baker	Enter phone #	Responsible for remaining at gate to direct or lead emergency personnel, if needed, and remain at gate to control access.
2. Darrell Morris	Enter phone #	
1. Tyler Gurley	Enter phone #	If a crisis event is observed or is indicated by a 911 call or any other communication, the Crisis Management App should be activated. Maintain a time sequence diary and logging of events.
2. Tyler Aderholt	Enter phone #	
1. Darrell Morris	Enter phone #	Determine if project should be shut down. Coordinate with Project Leadership and Client Personnel.
2. Steve Manown	Enter phone #	

### Project Specifics

List any project specifics or owner emergency procedures. For example, hospitals, universities, etc. may have internal reporting procedures or onsite response team; utility shut-off locations; specific hazard details, etc.

### Project Emergency Contacts

ROLE	NAME	PHONE	ORGANIZATION	PHONE
Supt	Darrell Morris	Enter phone #	Emergency Services	911
PM	Tyler Gurley	Enter phone #	Enter Gas Company	Enter phone #
Safety	Jacob Waits	Enter phone #	Alabama Power	Enter phone #
SSM	Logan Watters	Enter phone #	Birmingham Water Authority	Enter phone #
RSD	Jackson Veasey	Enter phone #	Alabama Comp	Enter phone #
OM	Tim Kozain	Enter phone #	UAB Highlands	Enter phone #
DM	Michael Tortorici	Enter phone #	Enter Project Owner	Enter phone #
Gen Supt.	Rob Underwood	Enter phone #	Enter Other	Enter phone #

### Media Requests

Meg Burton, Communications Mgr.	205.234.4977
Tracey Sibley, VP Marketing	407.488.8919

### Other Emergency Contacts

ORGANIZATION	PHONE
Emergency Services	911
Enter Gas Company	Enter phone #
Alabama Power	Enter phone #
Birmingham Water Authority	Enter phone #
Alabama Comp	Enter phone #
UAB Highlands	Enter phone #
Enter Project Owner	Enter phone #
Enter Other	Enter phone #

### Crisis Management Procedures



First Hour Response Checklist



### Emergency Protocol

<b>FIRST AID/AED LOCATION:</b>	Construction trailers
<b>REPORTING:</b>	Report all injuries and incidents immediately to B&G Safety
<b>EMERGENCY ASSEMBLY AREAS:</b>	Construction trailers
<b>SEVERE WEATHER:</b>	Shelter in place when severe weather is present.

# CCBCU Birmingham Headquarters EMERGENCY ACTION PLAN

## KEY PERSONNEL AND CONTACT INFO

1. Darrell Morris (Sr. Supt.) 205-368-9335 (C)
2. Jonathan Poole (Supt.) 205-440-0893 (C)
3. Steven Manown (Proj. Director) 205-238-8023 (C)
4. Jacob Waits (Safety) 205-600-2239 (C)

### **ALTERNATIVES:**

1. Tyler Gurley (PM) 205-787-1478 (C)
2. Tyler Aderholt (PM) 205-369-5279 (C)

### **EMERGENCY NUMBERS:**

1. Birmingham Fire Station #8 911 or 205-595-9728
2. Birmingham Police Department 911 or 205-254-1700

## SHELTER IN PLACE

### **LIGHTNING**

1. Monitor weather via WeatherBug, Weather Underground, etc. – **Jacob Waits (Alt: Jonathan Poole)**
2. If lightning is within 10 miles, halt all outdoor activity and notify employees to seek shelter (airhorn/text/radio) – **Jacob Waits (Alt: Jonathan Poole)**
3. Sound All Clear (Text/Radio) once lightning is more than 10 miles away – **Jacob Waits (Alt: Jonathan Poole)**

### **SEVERE WEATHER**

4. Monitor weather via sources above – **Jacob Waits (Alt: Jonathan Poole)**
5. All personnel notified of severe weather and told to proceed to shelters via text – **Jacob Waits (Alt: Jonathan Poole)**
6. Verify all employees accounted for in Shelters – **Jacob Waits (Alt: Jonathan Poole)**
7. Give the “All Clear” Alert (Text/Radio) – **Jacob Waits (Alt: Jonathan Poole)**

## MEDICAL EMERGENCIES AND 1<sup>ST</sup> RESPONDERS

3. Notify 1<sup>st</sup> Responders (Who, What, where) – **Jacob Waits (Alt: Jonathan Poole)**
4. Retrieve First Aid Kit/AED – **Tyler Gurley/Tyler Aderholt**
5. Perform First Aid/CPR (if needed) – **Jacob Waits**
6. Entrances manned to flag and guide Emergency Vehicles into site – **Jonathan Poole**

## BUILDING/SITE EVACUATIONS

### **FIRE**

1. All personnel notified of fire and told to evacuate to nearest Assembly Area via Text/Radio – **Jacob Waits (Alt: Jonathan Poole)**
2. Attempt to extinguish fire (if incipient) – **Jacob Waits**
3. If fire can't be contained, notify Emergency Responders – **Jacob Waits**
4. Entrances manned to flag Emergency Vehicles into site – **Jonathan Poole**
5. 1<sup>st</sup> Responders guided to staging areas/scene – **Jonathan Poole**
1. Verify all employees accounted for at Assembly Areas – **Tyler Gurley/Tyler Aderholt**

### **GAS LEAK**

1. All personnel notified of gas leak and told to evacuate to nearest Assembly Area via Text/Radio – **Jacob Waits (Alt: Jonathan Poole)**
2. Notify Emergency Responders – **Jacob Waits (Alt: Jonathan Poole)**
3. Entrances manned to flag and guide Emergency Vehicles into Site – **Jonathan Poole**
2. Verify all employees accounted for at Assembly Areas – **Tyler Gurley/Tyler Aderholt**
4. All Clear (Text/Radio) – **Jacob Waits**