# EMPIRE CONSTRUCTION GROUP LTD 2019

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **Company Name** | Empire Construction Group Limited | | | | | **Date:** | 19th June 2019 | | | | |
| **Location** | Existing Structure | | | | | **Project Tiltle** | 386 Brighton Road | | | | |
| **Risk Assessment No:** | **00001-Removal of existing structure** | | **Review Date** | 10th July 2019 | | | **Revison No** | 1 | | | |
| **Person Supervising Work** | Leigh Sanders-Cash / Marcus Farrell / Matt Adamski / Mark Baker | | | | | **Employer** | Empire Construction Group Limited | | | | |
| **Persons Exposed** (*tick box*) | X | **Employees** | X | **Other Workers** | X | **Public / Visitors** | | **Young Persons** | **Estimated total number of persons at risk** | **12** | |
| | | **New / Expectant Mothers** | | | | **Vulnerable Persons** | | **Others** | | | |

| *severity* | | | | | | |
|---|---|---|---|---|---|---|
| 5 | 5 | 10 | 15 | 20 | 25 |
| 4 | 4 | 8 | 12 | 16 | 20 |
| 3 | 3 | 6 | 9 | 12 | 15 |
| 2 | 2 | 4 | 6 | 8 | 10 |
| 1 | 1 | 2 | 3 | 4 | 5 |
| | 1 | 2 | 3 | 4 | 5 |
| | | ***liklihood*** | | | |

| **Liklihood** | **Severirty** |
|---|---|
| Rating 1 = Very Unlikely | Rating 1 = No Injury |
| Rating 2 = Unlikely | Rating 2 = Minor Injury or illness |
| Rating 3 = Likely | Rating 3 = 7-day injury or illness |
| Rating 4 = Very Likely | Rating 4 = Specified injury or illness |
| Rating 5 = Almost Certain | Rating 5 = Fatality, disabling injury, and so on |

Liklihood

**Acceptable** **Further Review** **Unacceptable**

**Risk = Liklihood x severity**

NOTES: **Six Nr Operatives undertaking the removal of the existing structure, allowance of two visitors and four members of the public when calculating the number of people at risk**

***Document Author:*** **Leigh Sanders-Cash**

***Signature:***

***Date:*** **19th June 2019**

***Position:*** ***Project Manager***

| TASK: Removal of Existing Structure<br>Hazard | 1<br>Factors of Harm<br>Liklihood (1-5) | 2<br>Severity (1-5) | 3<br>Risk (liklihood x Severity) | 4<br>Control Measures | 5<br>Factors of Harm<br>Liklihood (1-5) | 6<br>Severity (1-5) | 7<br>Risk (liklihood x Severity) | 8<br>Furthr Action to be taken | 9<br>Acceptable Risk<br>Yes | <br>No |
|---|---|---|---|---|---|---|---|---|---|---|
| Falling Debris | 5 | 5 | 25 | Access Scaffold to be netted - Lower lifts to be ply boarded. Hard Hats & PPE. Scaffold to be fully hoarded at low level to prevent unauthorised access Warning Signs in place. | 1 | 5 | 5 | Segregation of pedestrians past site with temporary walkway. No below working while removal taking place. Banksman present to notify of pedestrians. No visitors during this stage of works. | X | |
| Falls From Height | 3 | 5 | 15 | Fully Boarded Access Scaffold and internal Crash Deck - Fully Compliant and signed off. Double Handrails to all lifts and a third if necessary if the need arises to work above 2nd rail | 1 | 5 | 5 | Housekeeping - to ensure work area is continually kept free from obstruction and trip hazards. Tool Box Talks and Training. Ensure Scaffold has an up to date Scafftag | X | |
| Unauthorised Access | 2 | 4 | 8 | Access Scaffold to be fully ply boarded at ground level. Access gates to be locked at all times. Warning Signs in place and work area segregated completely. | 1 | 4 | 4 | Site Checked daily to ensure that it is completely secure for unauhtorised entry at all times. This recorded daily. | X | |
| Dust Inhalation | 3 | 4 | 12 | All works that may cause dust (cutting/demoliton) to be surpreessed by dampening or by using tools fitted with water supression. Correct PPE to be worn P3 Respirators. | 1 | 4 | 4 | Where possible use Recipricator tools rather than abrasive wheels to minimise dust and sparks. Permit to work system to be implemented. | X | |
| Noise Pollution | 3 | 2 | 5 | Correct PPE (Ear plugs/defenders) Noisy Works to only be undertaken between the hours of 08:30 & 16:00 Take Regular Breaks & Shift Changes | 2 | 2 | 4 | Use hand tools where possible to minimise the impact of noise to the surrounding area. Only use mecahnical tools where absolutely necessary | X | |
| Manual Handling | 2 | 4 | 8 | All operatives to have been trained in correct manual handling techniques. Tool Box Talks etc. No Lone working - always in a minimum of pairs. | 1 | 4 | 4 | Ensure to remove existing structure systematically and manually with regular breaks to maintain a safe work area and abide by the safe sytems of work procedures. | X | |
| Vibration | 2 | 4 | 8 | Use hand tools where possible. If mechanical tools are required that can cause vibration ensure to take regular breaks and shift changes in order to minimise vibration white finger. | 1 | 4 | 4 | Regular Health checks and monitoring of staff and working practices to minimise any injury at present and in the future. | X | |

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| TASK: Removal of Existing Structure<br>Hazard | 1<br>Factors of Harm<br>Liklihood (1-5) | 2<br>Factors of Harm<br>Severity (1-5) | 3<br>Risk<br>(liklihood x Severity) | 4<br>Control Measures | 5<br>Factors of Harm<br>Liklihood (1-5) | 6<br>Factors of Harm<br>Severity (1-5) | 7<br>Risk<br>(liklihood x Severity) | 8<br>Furthr Action to be taken | 9<br>Acceptable Risk<br>Yes | <br>No |
|---|---|---|---|---|---|---|---|---|---|---|
| Transport - Waste Removal (Grab Lorry)<br>Harris Grab | 3 | 5 | 15 | Warning Signs in place. Use of a Banksman to warn and prevent unauthorised access during grab lorry attendance. High Visiblity Vests must be worn. Segregation of public & pedestrians always. | 1 | 5 | 5 | Re-route the previously set up pedestrian walkway so as to direct away from the loading area. Banksman present at all times until the heavy goods vehicle has left the site. | X | |
| Transport - Waste Removal Timber - Approved Contractor<br>Jackson Waste | 2 | 4 | 8 | Warning Signs in place. Use of a Banksman to ensure pedestrian segregation. Re-route pedestrian walkway to accommodate loading of vehicle. High Visibilty Vest must be worn at all times. | 1 | 4 | 4 | No Access for visitors until this task is complete and signed off and the segregation has been set back to its daily layout. | X | |
| Housekeeping - All Staff | 3 | 4 | 12 | Keep site clean and tidy and free from obstacles at all times. Regular intervals for maintaining site cleanliness. All operatives to maintain a tidy work area at all times. | 1 | 4 | 4 | All materials to be stored in there deginated areas and all fire escape routes kept clear from obstruction at all times. Waste removed at regular intervals to avoid unecessary build up. | X | |
| Working at Height | 3 | 5 | 15 | Only use scaffold access ladders that have been inspected and are secured. Minimise the use of step ladders by using mobile towers where possible. | 1 | 5 | 5 | Ensure all access equipment has been regularly inspected and signed off as fit for purpose. | X | |

*Declaration: I acknowledge that I have read and understood the above Risk Assessment and Control Measures and I agree to ahere to all of the Safe Systems of Work as listed above.*

| Name: | Date: | Name: | Date: | Name: | Date: |
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