

The CFA pile installation method has been broken down into individual Task Briefing documents (TBS) to explain in detail the process of each task. The TBS will be used on site to familiarise the task specific requirements and responsibilities for each person responsible for that element of the works. The following TBS are to be used for this project:

Ref:	Title:
	Site Establishment & De-mobilisation (Piling Equipment and Materials)
	Rig Operation (Drilling a CFA Pile)
	Concreting an CFA Pile
	Reinforcement (Fixing and Installing)
	Rigging and derigging

14.1 Rigging and Derigging

The rigging and derigging process will be carried out in line with the machine operator's manual and will be carried out by the trained and competent rig operator and banksman. The rigging and derigging process must only be carried out on the signed of working platform area.

14.2 Steel reinforcement

Steel reinforcement will be as detailed in the Franki foundations pile design schedule for the project.

Steel will be delivered pre slung on the back of a HIAB or articulated flatbed lorry at suitable intervals to service the contract.

14.3 Party Wall

It is the responsibility of the Main Contractor to have in place a procedure for working adjacent to the party walls and have the necessary agreements in place.

14.4 Securing Equipment Daily

The piling rig will be banked into a designated area to park, the rig will be levelled and the foot lower on to the piling mat. The rig driver will lock all the doors on the rig making sure everything is safe then turn off the earth lever.

All small tools and equipment will be locked into the site toolbox/cabin.

15. Environmental

1. Franki Foundations UK Group has an environmental management system in place.
2. Franki Foundations UK Group adequately manages our works to prevent pollution and continually improve the environmental activities of our piling operations.



3. Franki Foundations UK Group will work closely with The main contractor to ensure all environmental issues are managed quickly and efficiently.
4. Franki Foundations UK Group will supply a spillage kit and this will be kept near the oils and diesels at all times.

16. Quality Controls


5. Franki Foundations UK Group have achieved ISO 9001 certificate and have a quality management system in place which is reviewed constantly to improve our quality.
6. A pile design and (working platform design if required) will be sent to the client prior to the piling rig arriving to site.
7. On commencement of the contract a Contracts Supervisor will be on site to assess the site before drilling commences.
8. The rig driver will have a drawing with piles and depths on and will check with the banksman on every pile, these are recorded on a log sheet in the cab and on the on-board computer. At the end of each day details are rung into the office and the information logged on the Group's computer system which makes sure of correct depth, steel and wastage on all piles.
9. Cubes are taken if requested by the client these are taken by a specialized company that arrive on site make cubes and then the cubes are tested at 7 and 28 days to confirm the strength of concrete. Results are released after testing.
10. Integrity testing takes place if requested by the client at a minimum of 7 days after the piles were formed, the client rings Franki Foundations UK group's offices and informs when they will be ready, a specialized company arrives on site and tests the integrity of the pile. Results are released after testing.
11. Throughout the contract of work the operations manager, contracts manager and construction manager will monitor the quality daily.



17. Employees Confirmation


GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Contact with Leptospirosis	RA Number	RA. No 02	Likelihood			
Doc ref	05.11. No 01 Risk Assessment Public interface			L=1 Unlikely	Insignificant 1	Low 2	Medium 3
Author	Alan Turner, Operations Director						
Co Author	James Reynolds, Operative			M=2 Likely	Low 2	Medium 4	High 6
Assessment Date	01-03-2024						
Equipment	N/A			H=3 Very Likely	Medium 3	High 6	Extreme 9

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Cuts to Skin and general hygiene leading to contamination through mouth and or broken skin	All site personnel	3	1	3	Gloves to be worn at all times during work. Good Hygiene practices. New gloves to be issued on any signs of existing gloves being damaged	3	1	3
PPE summary:								






GROUP RISK ASSESSMENT

						Severity – What Type of Injury Could Occur?		
						L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Manual Handling	RA Number	RA. No 03	Likelihood	L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury	
Doc ref	05.11. No 03 Risk Assessment Manual Handling			L=1 Unlikely	Insignificant 1	Low 2	Medium 3	
Author	Alan Turner, Operations Director			M=2 Likely	Low 2	Medium 4	High 6	
Co Author	N/A	Revision No	015	H=3 Very Likely	Medium 3	High 6	Extreme 9	
Assessment Date	01-Mar-2024	Substances	N/A					
Equipment	N/A							

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Injury or strains to Operatives	All personnel	2	2	4	Carry out assessment for awkward lifts. This will generally mean over 25Kg – do not exceed personnel ability Use mechanical means where possible Operatives to wear suitable gloves; Team lifts where possible Assess load prior to lifting, protect sharp edges wherever possible	2	1	2
PPE summary:								






GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Accessing loads on vehicles	RA Number	RA. No 06	Likelihood			
Doc ref	05.11. No 06 Risk Assessment Accessing loads on vehicles			L=1	Insignificant	Low	Medium
Author	Alan Turner, Operations Director			Unlikely	1	2	3
Co Author	Grant Calderbank, Operative			M=2	Low	Medium	High
Assessment Date	01-03-2024			Likely	2	4	6
Equipment	N/A			H=3	Medium	High	Extreme
		Revision No	015	Very Likely	3	6	9
		Substances	N/A				

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Falls from height when accessing the load beds of the vehicles (personnel are to remember “three points of contact at all times”), Items falling from height	All personnel	2	2	4	Use other means of loading and unloading if possible Pre slung loads Load / unload with Crane Lorries to have handrails /fall protection in place if access is required Appropriate load restraints to be used on all vehicles where needed applicable vehicles.	2	1	2
PPE summary:	    							






GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Moving Vehicles	RA Number	RA. No 09	Likelihood			
Doc ref	05.11. No 09 Risk Assessment Moving Vehicles			L=1 Unlikely	Insignificant 1	Low 2	Medium 3
Author	Alan Turner, Operations Director			M=2 Likely	Low 2	Medium 4	High 6
Co Author	N/A	Revision No	015	H=3 Very Likely	Medium 3	High 6	Extreme 9
Assessment Date	01-03-2024	Substances	N/A				
Equipment	N/A						

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Potential for persons or property to be struck by moving vehicle Physical Injury / death.	All personnel	3	1	3	When on construction site vehicles only to be moved under the guidance of trained vehicle marshal and to be FORS accredited. Vehicle marshal to stop works when vehicle/pedestrian is passing. Vehicle movements (all directions, driving forward, turning and parking) need to be made obvious and clear to all with the assistance of reversing Claxon/ flashing hazard beacons Provide adequate access with good visibility. All operatives to wear hi-viz vests or jackets. Lorry movements to be co-ordinated with the adjacent area Full hi vis, trousers and long sleeve vets.	3	1	3
PPE summary:	    							






GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Fire	RA Number	RA. No 10	Likelihood			
Doc ref	05.11. No 10 Risk Assessment Fire			L=1 Unlikely	Insignificant 1	Low 2	Medium 3
Author	Alan Turner, Operations Director			M=2 Likely	Low 2	Medium 4	High 6
Co Author	N/A		Revision No	015	H=3 Very Likely	Medium 3	High 6
Assessment Date	01-03-2024		Substances		N/A	Medium 3	High 6
Equipment	N/A						

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Possible or potential death, multiple fatalities	All personnel	3	1	3	No smoking to be allowed on site (except for designated smoking areas). Site fire plan to be followed.	3	1	3
PPE summary:	    							






GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Rigs and crane failure due to mechanical or operator error	RA Number	RA. No 16	Likelihood			
Doc ref	05.11.19. No 16 Risk Assessment Rigs and crane failure due to mechanical or operator error			L=1 Unlikely	Insignificant 1	Low 2	Medium 3
Author	Alan Turner, Operations Director			M=2 Likely	Low 2	Medium 4	High 6
Co Author	Russell Hamer & James Reynolds, Operatives			H=3 Very Likely	Medium 3	High 6	Extreme 9
Assessment Date	01-03-2024	Revision No	015				
Equipment	N/A	Substances	N/A				

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Heavy loads falling, leading to injury, fatalities or damage. The risk to public is exacerbated when working adjacent to hoarding. Fatality is possible, Major injury is likely	All personnel	3	2	6	Drivers to be trained and qualified. Equipment to be checked and certified every 12 months. Daily checks of piling rigs and crane no slewing outside of site boundary.	3	1	3
PPE summary:	    							


GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Working at height	RA Number	RA. No 17	Likelihood	L=1 Insignificant	M=2 Low	H=3 Medium
Doc ref	05.11. No 17 Risk Assessment Working at height			L=1 Unlikely	1	2	3
Author	Alan Turner, Operations Director			M=2 Likely	2	4	6
Co Author	N/A			H=3 Very Likely	3	6	9
Assessment Date	01-03-2024			Revision No	015		
Equipment	N/A			Substances	N/A		

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Major injury is possible as is fatality	All personnel	3	2	6	Wherever possible all deliveries to site should come pre-slung Use of "C" shaped barriers if possible when working around open bores. Casings should be left at least 1m above ground to provide edge protection to open bores. Do not jump off of a transport bed or trailer; either walk down ramps or hold onto side of bed while dismounting whilst facing the bed. No matter what type of access system the vehicle has available, use the 3-point rule to significantly reduce the chance of slips or falls. Always make sure that three of your four points are in contact with the vehicle at all times-two hands and one foot, or two feet and one hand. Only access vehicle if it has appropriate proprietary edge protection.	3	1	3
PPE summary:	    							






GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Operation of rig and cranes – general	RA Number	RA. No 18	Likelihood			
Doc ref	05.11. No 18 Risk Assessment Operation of rig and cranes – general			L=1 Unlikely	Insignificant 1	Low 2	Medium 3
Author	Alan Turner, Operations Director						
Co Author	Russel Hamer & James Reynolds, Operatives			M=2 Likely	Low 2	Medium 4	High 6
Assessment Date	01-03-2024						
Equipment	N/A			H=3 Very Likely	Medium 3	High 6	Extreme 9
		Revision No	015				
		Substances	N/A				

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Crushing due to pinch points occurring through tail swing	All personnel	3	2	6	Nominate rig/ crane attendant. Rig/ crane attendant to supervise the movement of the rig. If possible then erect barriers to prevent unauthorised access around rear of plant. (600mm minimum clearance required) Plant exclusion zones no access unless machine is isolated.	3	1	3
PPE summary:								


GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Lifting Equipment and accessories	RA Number	RA. No 19	Likelihood	L=1 Insignificant 1	M=2 Low 2	H=3 Medium 3
Doc ref	05.11. No 19 Risk Assessment Lifting Equipment and accessories			L=1 Unlikely	1	2	3
Author	Alan Turner, Operations Director			M=2 Likely	2	4	6
Co Author	Jason Melton, Contracts Manager			Revision No	015	H=3 Medium 3	H=3 High 6
Assessment Date	01-03-2024					Very Likely	3
Equipment	N/A			Substances	N/A		

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Failure of Lifting Equipment or accessories could have potentially fatal results	All personnel	3	2	6	Lift Plan for project to be prepared taking into consideration working area & equipment available. CPCS AP to sign off. Include lift plan to be briefed. Ensure working area is clear of operatives or third parties. Piling rig attendant/ slinger/ signaller working area to be clear of obstructions. Lift plan to be reviewed to reflect changing conditions. 6 monthly inspections must be valid & visual checks prior to use. LOLER register to be completed weekly by a competent person	3	1	3
PPE summary:	    							






GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Maintenance of plant & machines	RA Number	RA. No 20	Likelihood			
Doc ref	05.11. No 20 Risk Assessment Maintenance of plant & machines			L=1 Unlikely	Insignificant 1	Low 2	Medium 3
Author	Alan Turner, Operations Director			M=2 Likely	Low 2	Medium 4	High 6
Co Author	N/A	Revision No	016	H=3 Very Likely	Medium 3	High 6	Extreme 9
Assessment Date	01-03-2024	Substances	N/A				
Equipment	N/A						

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Catastrophic failure of machines could cause major injury or even fatality	All personnel	3	2	6	Daily inspections to be carried out by machine operators. Regular servicing & checking of critical components to be undertaken. Any defects to be reported to the plant department immediately	3	1	3
PPE summary:								

GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Striking Buried & Above Ground Services	RA Number	RA. No 21	Likelihood	L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Doc ref	05.11. No 21 Risk Assessment Striking Buried & Above Ground Services			L=1 Unlikely	Insignificant 1	Low 2	Medium 3
Author	Alan Turner, Operations director			M=2 Likely	Low 2	Medium 4	High 6
Co Author	N/A	Revision No	015	H=3 Very Likely	Medium 3	High 6	Extreme 9
Assessment Date	01-03-2024	Substances	N/A				
Equipment	N/A						

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Electrocution Gas Strike	All personnel	3	1	3	Obtain permit to work or Permit to Dig. Use insulated tooling BEFORE starting work. Main Contractor to identify any relevant exclusion zones relating to services.	2	1	2
PPE summary:	    							

GROUP RISK ASSESSMENT

					Severity – What Type of Injury Could Occur?		
					L=1 Minor Injury	M=2 Moderate Injury	H=3 Major Injury
Activity	Noise	RA Number	RA. No 27	Likelihood	L=1 Insignificant 1	M=2 Low 2	H=3 Medium 3
Doc ref	05.11. No 27 Risk Assessment Hazardous Materials			L=1 Unlikely	Low 2	Medium 4	High 6
Author	Alan Turner, Operations Director			M=2 Likely	Medium 2	High 4	Extreme 6
Co Author	N/A	Revision No	015	H=3 Very Likely	High 3	Extreme 6	Extreme 9
Assessment Date	01-03-2024	Substances	N/A				
Equipment	N/A						

Identify the Hazard	Who is at risk	Current Risk Rating			Controls	Residual Risk Rating		
		S	x L	= R		S	x L	= R
Excessive noise in the workplace could cause hearing loss to employees; Environmental nuisance	All personnel	2	2	4	Hearing protection to be provided as per noise assessment for machine & usage to be monitored. Operatives to be briefed on use of hearing protection. Use modern silenced plant Keep plant well maintained Spinning the auger off in spoil to minimise clanging of digging tool.	2	1	2
PPE summary:	