

RISK ASSESSMENT FORM

LBC DENYER HOUSE NW5

Client:

Assessor:

Job No: J015 - 48

Job Title: Install 11No. 200mm augured open bored piles and construct RC beam.

Tel No:

Duration: 3 week

Contract Manager: Patrick Clancy

Start date: tbc

Site Tel No:

Signed:

Date:

ACTIVITY	HAZARD	WHO AFFECTED			BEFORE CONTROL			CONTROL MEASURES	AFTER		
		EMP	NON-EMP	PUBLIC	P	S	RF		P	S	RF
Excavation & Piling	Electrocution	3	1	0	5	9	45	Services drawings to be sought from Client, area to be scanned with CAT by Purkelly's and the surface sprayed with paint if services indicated. Trial holes will be dug by hand to locate the services if picked up with CAT. Permit to dig will be issued by Purkelly's supervisor once exact location of services is determined.	1	9	18
Open excavations	Trip / fall and collapse of excavation	3	1	0	3	4	12	The working area is at the rear of a secure building. The maximum dig depth is approximately 1.1m below ground level. The Sides of excavation may not require supported as the depth of the excavation is minimal. The working area to be kept clean and clear of any trip hazards.	1	4	4

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Movement of lorries and plant	Person struck by lorry transporting materials.	3	2	2	3	9	27	All persons on site to wear high visibility jackets and a banks man or competent person to direct lorries on and off site.	1	9	9
Manual handling	Injury to back	3	1	0	4	5	20	Maximum safe load is 25kg, if possible lift by mechanical means or seek assistance if load is large or awkward. Kinetic method of lifting should be always used e.g. (1) Bend knees (2) Grasp the load (3) lift using the legs (4) Carry load on even ground. If possible lift by mechanical means or seek help from others. Hoist to be use to remove spoil from excavation if over 3m deep.	1	5	5
Working with electric tools	Electrocution	3	0	0	5	9	45	All 110v plant and leads to have proper PAT Test Certs. Any damaged leads to be disposed or repaired. Specialist plant to be used by trained operatives. No 240v tools to be used on site.	1	9	9

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Use of hi-ab when loading / off loading lorries	Materials dropping inadvertently or overturning lorry.	3	1	4	4	5	20	No persons are allowed to stand or work within operating radius without the operator's permission. Loads must not be slewed over personnel or vehicles. Outriggers must be on firm ground. A banks man or competent person is to be used when the driver's vision is impaired or operating in a congested area. All drivers to have CITB certs. Machines to have proper test and examination certs and all chains and shackles to have correct test certs and must be examined and recorded by a competent person weekly.	1	5	5
Refuelling Plant	Fire & spillage	3	0	0	3	5	15	All fuels site must be stored within approved containers and the container must be clearly marked indicating substance within. Client will have fire procedures shown on site with position of fire extinguishers if required. Purkelly's gas oil/ diesel will be stored on sump pallet and a spill kit will be accessible if required. COSHH data will be issued to Client and Purkelly's foreman of substances stored on site.	1	5	5
Working with concrete	Concrete burns & skin disease	3	1	0	4	7	28	Operatives are to wear PPE ensuring concrete does not contact the skin. Rubber Wellingtons are to be worn to stop concrete juices wetting cloths. When mixing concrete on site ensure mask and goggles are worn when tipping cement into mixer especially if windy. COSHH assessment for concrete and cement within COSHH register	1	7	7
Risk Assessment – May 2015									'A' to Chapter 7		

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Using vibratory hand tools to excavate and breaking concrete	May cause hand and arm vibration syndrome	3	0	0	3	5	15	If possible carry out task with other tools, i.e. use of mechanical excavators. Task should be shared or swapping around between operatives so that No operative uses a hand held vibrating tool for more than 20 minutes at a time. A minimum rest period of 20 minutes is required before using hand vibrating tools again. Vibration reducing gloves and vibrating reducing tools should be used if possible.	1	5	5
Breaking concrete piles.	Flying debris & compressor hose	3	0	0	4	7	28	Operative to wear protective gloves, goggles & ear defenders as detailed within method statement when breaking slabs and concrete piles. Correct tools to be used for the job.	1	1	7

RISK FACTOR (RF) 0 – 9 = Low Risk

10 – 29 = Medium Risk

30 – 81 = High Risk