

**RISK / IMPACT ASSESSMENT
CONTROL SHEET**

Contract No.							
Project Title		DUBAI MALL ZABEEL EXPANSION					
RA Reference							
RA Date		Next review date:					
RA Revision No.		00					
*Task / Activity		Static Load Test by Anchor Method					
Expected manpower required for the task:	000	Hazardous Chemical required? (Tick as applicable)	Y	N X	Confined space entry required? (Tick as applicable)	Y	N X
Plant & Equipment involved: Anchoring Machine, Grout Pump, Hydraulic Jack							

		Probability (P)				
		1	2	3	4	5
Severity (S)	1	1	2	3	4	5
	2	2	4	6	8	10
	3	3	6	9	12	15
	4	4	8	12	16	20
	5	5	10	15	20	25
		Unlikely	May Happen	Likely	Very Likely	Certain or Imminent

Power tools:							
Health Safety Loss & Environmental Impact		OH&S	Environmental				
1-3 Acceptable	Low - L	Minor / <3 Days Injury	Minor				
4-9 Before task commences	Medium - M	Moderate / >3 Days Injury	Moderate				
10-16 Before task commences	High - H	Major / Permanent Disability Injury	Major				
20-25 Immediate	Very High - VH	Catastrophic / Fatality	Catastrophic				

Verified by: Project Manager:	Name: Santhosh K Paul(GTC Soil Analysis Services)	Signature: 	Date: 18-02-2018
Construction Manager/ Site Agent:	Name: Muhammed Murthuza Khaleel (GTC Soil Analysis Services)	Signature: 	Date: 18-02-2018
Safety Officer:	Name: Bilal Ahmed (GTC Soil Analysis Services)	Signature: 	Date: 18-02-2018
Consultant Approval:	Name:	Signature:	Date:

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* Task:		High strain dynamic test of piles						Risk Assessment Date:18/02/2018					
SN	Activity	Hazard /Aspect	Risk / Impact	Rating (see enclosed legend page for details)		Risk Value R = S x P	Existing Controls (OHS & E)	Risk Value		Legal Req. Y/N	Sign. Resp. Person		
	Description	Type	Hazard is anything with potential to cause harm or loss.	Risk is the harm resulting from the hazard.		OHS & E	OHS & S x P	OHS & E		S x P			
		(R/NR)		P	S			P	S				
1	General Education and Training	R	Before commencement of testing-General Education and Training	Ensure testing personnel are given training and competent to perform the job.	2	1	2	1. Wear PPE, including Engineers 2. Working in night shift, adequate lighting system is prepared 3. Safety induction prior to commencement if any unsafe matters reported. 4. verify site condition before commencing of work, unusual things shall be reported to concerned.	1	1	1	N	ER
2	Lack of control of Job / Lack of Supervision, Information & Instructions.	R	Lack of control of Job / Lack of Supervision, Information & Instructions.	Occupational hazard / Personnel Injuries / Property Damage	3	2	6	1. Ensure to obtain work permit. 2. Explain activities prior work start. 3. Authorized Technician allowed to work. 4. Personnel shall be competent and trained.	1	3	3	N	ER

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		(R/N R)			P	S					P	S		
3	Hammer dropping.	R	Control of Site with respect to Hammer dropping.	Ensure all the personnel are at safe distance from the pile while dropping the hammer.	4	2	8	1. Authorized Technician allowed to work 2. Make sure that the personnel's are away from the dropping pile at least 10 m. 3. Crane operator shall be trained and competent and he will perform the job according to the instruction from Technician. 4. Ensure crane is operating from flat surface.	1	2	2	N	ER	
4	Drilling & Grinding		Drilling / Grinding Machine handling while drilling and fixing of sensors on the piles.	Crushing, finger injury or pile damage.	4	2	8	1. Drilling Machine shall be appropriate and used by experienced staff 2. Ensure experienced Technician available during drilling and grinding. 3. Restricted and controlled access to work place.	1	2	2	N	ER	
5	Noise		Noise during hammering	Occupational hazard such as defective hearing.	3	2	6	1. Ear plugs/muffs shall be worn if noise is higher during hammering.	1	2	2	N	ER	

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		(R/NR)		P	S			P	S				
6	Site access		Accessibility to testing piles.	Ensure proper access is available to test area.	2	1	2	1. Ensure proper access to the test area is established at the site. 2. Make sure that sensor fixing area is clean and accessible. 3. Make sure proper arrangement is made to fix the sensors.	1	1	1	N	ER
7	Environmental		Environmental	Pollution and Environmental Impact	2	1	2	1. Ensure personnel's not putting any waste at the site. 2. Ensure that site crews aware and not smoking at the site premises.	1	1	1	N	ER

- * Mandatory
- * R – routine / NR – non routine
- * FM – Foreman
- ER-Testing Engineer
- TECH-NDT TECHNICIAN