

		Mall of xxx			
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Underground Drainage Piping			Date: 12-30-2012	Page: 1 of 3	

Task	Hazards	Persons at Risk	Unmitigated Risk			Proposed Mitigation Measures	Mitigated Risk		
			L	S	R		L	S	R
Movement of labours in site.	Stuck by site Vehicles/ Collision with site equipment	Plumber Fitters Helpers Co workers	2	3	6	<ul style="list-style-type: none"> All banks man are to be trained and competent with the site surrounding, all vehicle deliveries and controlled by the banks man. For congested area Safety Engineer to provide additional operatives to support control of deliveries and safe passage from site. 	3	1	3
Preparing the HDPE	Back Injuries	Plumber Fitters Helpers Co workers	2	3	6	<ul style="list-style-type: none"> Manual handling need to observed and implemented. 	2	1	2
Using of power Tools	<p>1 failure will cause injuries to employees.</p> <p>2 Flying particles.</p> <p>3 Contact with moving parts</p>	Plumber Fitters Helpers And Co workers	2	3	6	<ul style="list-style-type: none"> Do not use hand held power tools unless you have been trained to do so, and authorized in writing, stay in a safe side of the machine, wear eye protection at all times. Ensure that everybody around are aware that a power tools will be use before you starting up. Otherwise wait for them to pass, If possible work behind a screen, report any abnormal vibration to your supervisor. Always remove, fix, or cover loose clothing such as ties and unbuttoned sleeves etc. do not adjust or alter machine unless you are trained to do so, use proper guards on for the machine, take extra precaution with moving parts of the machines. 	1	3	3

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Task	Hazards	Persons at Risk	Unmitigated Risk			Proposed Mitigation Measures	Mitigated Risk		
			L	S	R		L	S	R
Welding operations	Faults on incoming power Power failures and possible electrocutions Power failure and possible electrocutions Possible electrocutions Overheating Power failure and possible electrocutions Overheating and possible electrocutions	Plumber Fitters Helpers And Co workers	4	4	16	Enforce pre-use inspections against app. Ensure the correct use of Personal Protective Equipment approved checklist. Enforce the use of trained, competent operators only. Ensure the correct use of Personal Protective Equipment.	3	3	9

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Task	Hazards	Persons at Risk	Unmitigated Risk			Proposed Mitigation Measures	Mitigated Risk		
			L	S	R		L	S	R
House Keeping	Slips and trips	Plumber Fitters Helpers And Co-workers	2	2	4	<ul style="list-style-type: none"> Always maintain a good standard housekeeping. Tidy the work area before, during and after the use of machine. 	2	1	2
Excavations and backfilling	Slip and Fall	Plumber Fitters Helpers And Co-workers	3	3	9	<ul style="list-style-type: none"> Ensure that all excavations is marked and barricade. No jumping over excavations are allowed. 	2	2	4
L (Likelihood) X S (Severity) = R (Risk)									
1 ~ 5 X 1 ~ 5 = 1 ~ 25									

- 1 -8 Low Risk – Work can commence**
- 9 -12 Medium Risk – Reduce risk further or increase supervision**
- 12 – 25 High Risk – Must be mitigated**