

Reference Number	TSR/RA/008
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**TASK SPECIFIC RISK ASSESSMENT
LADDERS**



Hazard, Risk, Environmental & Ergonomical Assessment

Contract Name		Task to be Performed	Ladder Risk Assessment
List Risk Assessment Team Names	Training Required	Risk Assessment No.	TSR/RA/008
	General Induction	Revision No.	0
	HIRA	Date of original issue	
	Toolbox Talks	Date revised	
	Medical evaluations	Number Of employees	
	Working at heights		

Assessment Matrix

Probability of Occurrence (P)	INJURY SEVERITY POTENTIAL (IS)	DAMAGE / LOSS SEVERITY (DS)	DURATION OF EXPOSURE (ED)	ENVIRONMENT (E)	HEALTH (H)	Probability of Occurrence (P)	INJURY SEVERITY POTENTIAL (IS)	DAMAGE / LOSS SEVERITY (DS)	DURATION OF EXPOSURE (ED)	ERGONOMICS / ENVIRONMENT (E)	HEALTH (H)	Consequence (C)
Common Occurrence	Multiple Fatalities OR PERMANENT DISABILITIES	More than R 1 500 000	1<10> Days	Irreversible damage and/or permanent impact / National level/legal prosecution	Multiple fatalities	5	5	5	5	5	5	30
Has Happened before	Fatal / Permanent Disability	R 300 000 to R 1 500 000	6<10> Hours	Potential reversible long term damage and /Regional/Major fine	Fatality	4	4	4	4	4	4	24
Could Occur	Moderate / Serious Injury	R 150 000 to R 300 000	3<6> Hours	Long term eco disturbance and/or significant impact on local community/legal notice/minor fine	Unconsciousness; Permanent physical defect arising from an occupational illness; Any incident reportable to the relevant authorities Lost workday case(LWC); A confirmed occupational illness, resulting in loss by the person of one to 13 days; Restricted workday case(RWC); An occupational illness requiring removal from normal work duties, (Includes removal on medical grounds, such as due to biological monitoring. Person may perform alternative work.	3	3	3	3	3	3	21
Not likely	Lost Time Injury	R 15 000 to R 150 000	1<3> Hour	Short term and/or restricted disturbance and/or impact on the community.	More than Minor Illness Case (MIC)	2	2	2	2	2	2	12
Practically Impossible	Minor injury – No Lost Time	Less than R 15 000	< 1 Hour	Ecological stress and /or nuisance to community.	Minor Illness Case (MIC): A disorder which only requires attention such as increased biological monitoring. Person can continue with his normal work.	1	1	1	1	1	1	6

CURRENT RISK										REMEDIAL	RISIDUAL							ACTION	
Task Steps	HAZARD IDENTIFIED	RISK ASSOCIATED WITH HAZARD	P	IS	DS	ED	E	H	C	HOW IS HAZARD TO BE DEALT WITH	P	IS	DS	D	E	H	C	BY WHOM	DATE
Pre-inspect ladders	Uneven surfaces Incorrect checklist Using unsafe ladder	Trip and fall Serious injuries	4	2	2	3	3	3	17	Correct ladder inspection checklist to be used Ladders must be on a register and checked prior to the use of the equipment Damaged ladders to be disposed off immediately from site	2	1	1	1	1	1	7		
Carrying ladder	Unknown floor/ground conditions Moving machinery Open trenches and excavations Improper carrying techniques	Trip and fall Serious injuries Falling into trench or excavation Back and hand injuries	3	2	2	1	2	3	13	Plan your route before carrying the ladder Stay at least 10m clear from moving machinery Stay 2m clear of the edges of open trenches or excavations Adhere to signage Use correct manual handling techniques when carrying the ladder Look behind you, in front of you and on the sides to make sure that you have enough turning space without hitting and employee or structure with the ladder.	2	1	1	1	1	1	7		
Use of ladders for safe access	Using unsafe ladder Incorrect use of ladder Unstable ground conditions Ladder slipping, unsupported Ladder falling over or side ways	Fatality or disablement Bodily harm Slip and fall from height Trip and fall Fall from heights Cost implications	3	2	2	1	2	2	12	All ladders must be inspected as per company policy according to a Ladder inspection checklist. All portable ladders must be kept in a good safe working order, must be the correct height for the task, extend at least 1m above the landing, and used at a safe angle. When descending and ascending employees must maintain a three point contact at all times One employee to hold the ladder at the base for extra support when an employee is exiting or entering on the ladder Solid flat base area must be used as footing for the ladder No tools or equipment must be carried when exiting and entering on the ladder Ladders to have secure footing, no wooden ladders to be used, ladders should not be painted. Ladders to be positioned at the beginning and ends of the trench PPE to be worn at all times - safety gloves, safety shoes, overall, safety vest, hard hat, safety glasses and ear protection when using the wacker	2	1	1	1	1	1	7		