

Reference Number	TSR/RA/014
Implementation Date	03.12.2018
Revision Number	0
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**TASK SPECIFIC RISK ASSESSMENT
USAGE OF HAND TOOLS**



Hazard, Risk, Environmental & Ergonomical Assessment

Contract Name	Task to be Performed	Usage of hand tools
List Risk Assessment Team Names	Risk Assessment No.	TSR/RA/014
Training Required	Revision No.	0
General Induction	Date of original issue	
HIRA	Date revised	
Toolbox Talks	Number Of employees	
Hand tool operating		

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	RESIDUAL							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
Usage of hand tools	Usage of substandard/broken hand tools	May cause first aid injuries, production loss	4	2	1	2	2	2	13	All tools to be checked by the client Forman and tagged when approved	2	1	1	1	1	1	7		
	Misuse of hand tools by untrained personnel	May cause first aid injuries, production loss	4	2	1	2	3	2	14	All employees must be made aware of the correct usage of tools by means of a toolbox talk prove must be kept on file.	2	1	1	1	1	1	7		
	Tools falling from heights as a result of not being adequately secured	Injuries and damage to property	4	2	2	2	3	3	16	Tool wrist straps must be fitted to all tools when working at heights to ensure the tools don't fall from the height. Supervisor must ensure the tools are checked before the usage thereof.	2	1	1	1	1	1	7		