Occupational Health and Safety Baseline risk assessment ERE Property Management

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List activity	Hazard Identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls	Initial risk rating	Residual risk rating	RCS Risk Control Effectiveness	Control Owner	Legal and Other Requirements
List specific activities to be performed, the substances or the equipment to be used, the personnel involved in the task	Anything with potential to cause harm. Note: A hazard can cause more than one risk.	A chance that injury , ill health or damage could occur as a result of uncontrolled hazard	Safety or health	Consider the worst case scenario without control	Include: Preventative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and Reactive Controls	C (Consequence)	L (Likelihood)		Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and in-house requirements that provide the control
Contractor Management										
Contractor Management	Inadequate management of contractors by Principal contractor	Injuries	Safety	Project stopped, Project delays, Fatality, multiple injuries.	Contractors OHS documentation; assessed and approved prior to work commencing. Ongoing site visits. Conducte audits. Contractor engagements, risk assessment.	4	6	3	Mostly effective	Client and Principal Contractor	Construction Regulation 5 and 7
Supply and Delivery of Cleaning Hygiene Consumables										
Driving of vehicles - Sedan, Bakkie	Driving on public roads, Overloaded vehicles, Mechanical failure / Breakdown, Unlicensed / unfit driver	Incident/or accident, Risk of personnel being injured by overspeeding vehicles, Driver fatigue/ Impairment, Risk of Damage/Injury to/ injuries of public, Severe injuries when vehicle rolls over, Risk of Personnel are at risk of being	Safety	Fatalities, injuries, Property damage	Staff driving vehicles to have valid national driver's license with correct code for type of vehicle driven. Vehicles in roadworthy condition, only authorised persons to drive vehicles. Drivers to adhere to speed limits and traffic laws. Adherence to life saving rules. Tri-buoy in safety briefings. Vehicle monitoring reports. Contractor vehicle safety procedure to align with Fleet Management. Fleet and Asset management procedure, risk assessment, safe work procedure	4	C	3	Mostly effective	Site Supervisor	National Road Traffic Act 1996 Act 93 of 1996 Section 2 Requirements for driving licence, Vehicle safety management procedure 240-53543382, Return Vehicle specification 32-320, Life saving rules
Access to Site	Substance abuse	Performing work while intoxicated	Safety	Fatalities, injuries, Property damage	Daily screening, medical surveillance. Employee assessment sessions, D&C, risk assessment, safe work procedure	3	6	18	Mostly effective	Site Supervisor	OHS Act 85 of 1993, General Safety Regulations 15, 32-37, Return management and Substance Abuse Procedure 30-37
Material Handling / Manual handling	Improper lifting technique	Overexertion, Sprains and strains, Pinch and nip points,	Safety	Serious injury, hand injuries.	Risk assessments, Training, Supervision, Safe work procedure for Manual handling.	3	C	9	Mostly effective	Site Supervisor	OHS Act 85 of 1993, Ergonomics Regulation 3 Manual Handling and Ergonomic Hazard Exposure in the workplace 34.370
Waste Management										
Physical Manual handling	Improper lifting technique	Overexertion, Sprains and strains, Pinch and nip points,	Safety	Serious injury, hand injuries.	Risk assessments, Training, Supervision, Safe work procedure for Manual handling.	3	C	9	Mostly effective	Site Supervisor	OHS Act 85 of 1993, Ergonomics Regulation 3 and 6, Management of Ergonomic Hazard Exposure in the workplace 34.370
Waste Storage	Poor housekeeping	Blocked egress	Safety	Injuries	Good housekeeping practice, use designated wste bins and skips, safety instructions, safety awareness	2	6	12	Mostly effective	Site Supervisor	OHS Act 85 of 1993, General Safety Regulation 6, Waste Management Procedure 240-53543382, Storage Standard 220-53211233
Stacking and Storage	Incorrect stacking and storage	Overexertion, Sprains and Strains, Stacks collapsing	Safety	Overexertion, Sprains and Strains, Stacks collapsing, Crushed by moveable and fixed items	Good standard of housekeeping, Sufficient storage, demarcation, risk assessment, Supervision, Training, safe work procedure.	3	C	9	Mostly effective	Site Supervisor	OHS Act 85 of 1993, General Safety Regulation 6, Construction Regulation 29, Stacking and Storage Standard 220-53211233
Offloading waste material risk for waste wipe	Overexertion, Sprains and Strains, Stacks collapsing	Finger and hand injury Sharps and Sprains, bowel track pain	Safety	Injuries	Use adequate lifting techniques when picking up equipment, when equipment is too heavy ask for assistance from another employee or co-worker, wearing of PPE, risk assessment, safe work procedure	4	C	9	Mostly effective	Site Supervisor, Employees	OHS Act 85 of 1993, S 26 (2iv) and 14(a), Ergonomic regulations 3 and 6
Site Operations										
Working Outdoors	Animals and Insects	Insects bites	Health	Experience burning, Irritation, Allergic reactions, Insects bites, sores, wounding	Adequate to be aware of other insect / organism's antidote, clear immediate emergency care for treatment. Treatment may include: Wash the area well with soap and water. Apply a cold or ice pack wrapped in a cloth to the affected area. Take an antihistamine. Apply calamine lotion. Elevate the site if the bite occurred on an arm or leg (to help prevent swelling). Repellent sprays (ointment/ BHD kills), medical surveillance	3	6	18	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulation 3, General Safety Regulation 1, Emergency Planning 32-123
	Bees	Bee stings	Health	Allergic reactions, Swelling, Irritation, Wounding, Bubbling, Pinpricks	Individuals to be aware of their status regarding allergies and inform their HOD. Bee sting kit to be available on site. Bee sting kit to be used. Repellent sprays/Ointment. Bee awareness training, risk assessment	3	C	9	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulation 3, Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulation 1, Emergency
	Snakes	Snake bites	Health	Shock, fever, Vomiting, rapid pulse and breathing, Swelling and severe pain Death	Lower snakes, stomp/Create transfers , Beeps, be aware of your surroundings , Stay out of tall grass unless you wear thick leather boots. Keep hands and feet out of areas you cannot see. Do very important to be aware of your surroundings and to watch where you step and reach. Medical Workers or treating physician is installed what will access to administer. Snake awareness training, risk assessment.	3	C	9	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Construction Regulation, Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Construction Regulation 5, General Safety Regulation 3, Emergency Planning 32-123
	Wet or slippery/or uneven surfaces	Slip, Trip & Falls on wet floors or loose surfaces	Safety	Injury	Clear barricades & sign posting, PPE to be worn, be aware of where you are stepping, clean up spills immediately, Safety talks & risk assessment, safe work procedure	3	C	9	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
	Working in inclement weather	Resilience, heavy rain, strong wind, lightning, snow	Safety	Head shake, Dehydration, Hypothermia Injury fatalities	Provision of adequate drinkable water on site. Stop the work if weather is extreme and unfavourable, risk assessment, safe work procedure	3	C	9	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Employees' Right of Refusal to Work in an Unsafe Situation
Unfamiliar with site emergency procedure	Emergency Risk or delay during emergency	Injuries	Safety	Injury	Emergency preparedness drills, Stakeholder meetings, Emergency preparedness plan and procedure. Risk assessment.	2	C	6	Mostly effective	Site Supervisor	Risk assessment procedure 32-520, Emergency Planning 32-123
Reporting to the client office	• Working without authorization • Theft of PPE • Client not aware of the employees being on site. • Unauthorized entry emergency response	• Disciplinary • Loss of PPE	Safety	Injuries	• All employees must sign in on the attendance register & • Employees must be issued with visitor's badges. • The Client & Supervisor must make sure that the employees are aware of the Emergency Plan & Procedure, the Emergency Assembly Point & Emergency Numbers. • Participate in weekly Engineering Drills. • Toolbox Talks & PTO's	3	6	18	Mostly effective	Site Supervisor and Employees	Permit to work, Emergency Planning 32-123
Usage of PPE	• Incorrect usage of PPE. • Shortage of PPE. • Modifying & Making alterations to PPE items.	• Employees must always wear/use the correct & required PPE for the task at hand. • All employees must be trained on the use of Respiratory PPE & Personal use is Minimum PPE must include Safety Boots, Eye Protection, Overalls, Reflective Gloves. • Disciplinary for Misused PPE/ Safety Hazards.	Safety	Injuries	• Training on the usage of PPE must be provided. • Only PPE that is approved may be used. • Damaged PPE items must be replaced. • Only PPE that is approved may be used. • Items to strictly prohibited. Other tasks may require additional PPE such as: Respirators, Long leather gloves etc, those items shall be provided when necessary.	3	6	18	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13 General Safety Regulation 2(3),
Inspecting the Workplace	Exposure to workplace hazards i.e chemical, physical	Injuries	Safety	Injuries	All employees including the Supervisor must inspect the workplace before commencing with the work and after the work is completed. • All identified hazards must be reported to Supervisor & Client as well as communicated with all employees.	2	6	12	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
Barricading the workstation during activity	Incorrect barricade	slips, glitips and falls	Safety	Injuries	• Employees must ensure that the area is well barricaded before starting the work. • Barricades should be tagged correctly to inform people of the risks • Precautionary signs, warning signs & safety signs must be used at all times.	3	C	9	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
Sweeping the floors	Exposure to dust.	Respiratory issues	Health	Lung cancer	Correct use of appropriate respiratory PPE, safety induction, risk assessment, safety awareness.	5	C	15	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations for workplaces 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
	Incorrect usage of brooms	Hand and finger injuries.	Safety	Injuries	Safety induction, Correct use of appropriate PPE: Tool box talks, Safety awareness, risk assessment	2	C	10	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
	Slips, trips & falls	Injuries	Safety	Injuries	Safety induction, Correct use of appropriate footwear PPE: Tool box talks, Safety awareness, risk assessment	2	C	10	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations for workplaces 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
Cleaning the Floors	Exposure to hazardous chemical substances	acute, chronic health effects	Health	Injuries	Communicate relevant SDS.Training,use of appropriate PPE,Data Sheets (SDS) for hazard categories, exposure routes, and control measures	3	C	15	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1994 (Act No. 85 of 1993) Section 8, 13, Environmental regulations for workplaces 3, Employees' Right of Refusal to
	Slips, trips & falls	Injuries	Safety	Injuries	Safety induction, Correct use of appropriate PPE: Tool box talks, Safety awareness, risk assessment.	3	C	15	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations for workplaces 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
	Incorrect usage of cleaning tools.	Hand and hands injuries.	Safety	Injuries	Safety induction, Correct use of appropriate PPE: Tool box talks, Safety awareness, risk assessment	2	C	10	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations for workplaces 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
Dusting Tables.	Dust	Dust inhalation	Safety	Adverse effects on lungs, silicosis, chronic bronchitis	Supervision, Training, PPE, risk assessment, medical surveillance, regular breaks, dust suppression, safe work procedure	2	C	10	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations for workplaces 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
Housekeeping	Poor housekeeping	Slips, Trips & Falls	Safety	Injuries	Good housekeeping must always be maintained, there must be a place for everything & everything must be in its place.	3	C	15	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations for workplaces 3, Employees' Right of Refusal to Work in an Unsafe Situation Procedure 240-53543382
Site Operations - Pest Control Services										
Accidental exposure to pesticides and rodenticides chemicals.	Inhalation of spray/drift	Immediate irritation to your eyes, throat, and upper	Health	Respiratory issues	Correct use of appropriate PPE, First Aid , Safe Awareness, Training Risk assessment	2	C	10	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13 General Safety Regulation 2(3), Construction regulation 9, Hazardous chemical agents 4.2 - VOC, 11, fuel, Fertilizers, Paint, Fields
	Skin burns	Primary irritant/dermatitis,Un correct	Safety	Skin cancer	Correct use of appropriate PPE, First Aid , Safe Awareness, Training Risk assessment	2	C	10	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13 General Safety Regulation 2(3), Construction regulation 9, Hazardous chemical agents 4.2 - VOC, 11, fuel, Fertilizers, Paint, Fields
Site Operations - Gardening										
Gardening	Dust	Dust inhalation	Safety	Adverse effects on lungs, silicosis, chronic bronchitis	Supervision, Training, PPE, risk assessment, medical surveillance, regular breaks, dust suppression, safe work procedure	3	6	18	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13 General Safety Regulation 2(3), Construction regulation 9
	Awkward positioning	Injury	Safety	Pains, strains, injuries.	Supervision, Training, PPE, risk assessment, medical surveillance, regular breaks, safe work procedure	3	6	18	Mostly effective	Site Supervisor	OHS Act 85 of 1993, S 26 (2iv) and 14(a), Ergonomic regulations 3 and 7
	Loose Debris	Eye injuries , Slips ,Trips & falls	Safety	Injury	Supervision, Training, PPE, risk assessment, Ensure provision of sweet functioning tools for the job, inspect portable hand tools, safe work procedure	3	C	9	Mostly effective	Site Supervisor	OHS Act 85 of 1993, S 26 (2iv) and 14(a), Ergonomic regulations 3 and 7
	Defective Hand tools	Finger and hand injury	Safety	Injury	Supervision, Training, PPE, risk assessment, Ensure provision of sweet functioning tools for the job, inspect portable hand tools, safe work procedure	2	C	6	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Environmental regulations 2, General Safety Regulation 2
	Out of spade	Sharp edges, awkward posture, Heavy loads, biological waste, cuts, injuries, contact with underground services.	Safety	Cuts, strains, back injuries, eye injuries, contact with underground services.	Inspect spade before use, use the correct spade, wear safety footwear and suitable clothing, establish exclusion zone, inspect the work area for obstructions/services before digging, keep others clear.	2	C	6	Mostly effective	Site Supervisor	OHS Act 85 of 1993, S 26 (2iv) and 14(a), Ergonomic regulations 3 and 7
	Out of rake	Strained/damaged rake teeth, repetitive movement, flying debris, poor posture.	Safety	Cuts, strains, eye injuries, slips/trips	Inspect rake before use, wear gloves and safety footwear, use correct posture, maintain safe distance, secure debris safely, store rake with tines protected.	2	C	6	Mostly effective	Site Supervisor	OHS Act 85 of 1993, S 26 (2iv) and 14(a), Ergonomic regulations 3 and 8
	use of lawnmower operation	Moving blades, ejected stones/debris, noise, vibration, fuel, uneven ground	Safety	Cuts, amputation, eye injury, hearing damage, burns, slips/fall	Only trained/authorised employees to operate, inspect mower before use, wear safety footwear and suitable clothing, establish exclusion zone, check guarding condition, clear stones/debris before mowing, keep people away, stop engine before clearing blockages, refuel only when switched off and cool.	3	C	9	Mostly effective	Site Supervisor	OHS Act 85 of 1993, S 26 (2iv) and 14(a), Ergonomic regulations 3 and 8
	use of brush cutter operation	Rotating cutting head, flying debris, noise, vibration, fuel, contact with vegetation.	Safety	Serious cuts, eye/face injuries, hearing damage, strains, burns	Only trained/authorised operators, pre-use inspection, correct guard fitted and undamaged, wear PPE including eye protection, wear safety footwear and suitable clothing, establish exclusion zone, inspect area for stones/wire, stop machine before adjustments/clearing, refuel cold.	3	C	9	Mostly effective	Site Supervisor	OHS Act 85 of 1993, S 26 (2iv) and 14(a), Ergonomic regulations 3 and 12
	sweeping of grounds	Dust, litter, sharp objects, uneven surfaces, vehicle/pedestrian movement	Safety	Eye/respiratory irritation, cuts, strains, slips/trips, shock/injury	Wear gloves and safety footwear, use suitable broom, control dust where practicable, inspect for sharp objects before handling, use tools for sharp waste, maintain awareness of pedestrians/vehicles, keep work area tidy.	3	C	9	Mostly effective	Site Supervisor	OHS Act 85 of 1993, S 26 (2iv) and 14(a), Ergonomic regulations 3 and 11
	glass cutting and edging	Rotating equipment, flying debris, noise, uneven ground	Safety	Cuts, eye injuries, hearing damage, strains, slips/falls	Inspect equipment, use guards, wear required PPE, slow area before cutting, maintain exclusion area, use correct operating technique, stop equipment before servicing or clearing, report defects.	2	C	6	Mostly effective	Site Supervisor	OHS Act 85 of 1993, S 26 (2iv) and 14(a), Ergonomic regulations 3 and 12
	pruning shrubs/trees	Sharp tools, falling branches, awkward posture, thorny vegetation	Safety	Cuts, eye injuries, hearing damage, strains, slips/falls	Inspect pruning tools, wear gloves and eye protection, use correct tool, maintain safe stance, control falling branches, do not overreach, use ladders/equipment for higher work, keep others clear.	3	6	18	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8,14 , Ergonomic regulations
	collection and disposal of green waste	Sharp branches, thorns, heavy loads, biological waste	Safety	Sharp branches, thorns, heavy loads, biological waste	Wear gloves, safety footwear and suitable clothing, use correct lifting techniques, use mechanical aid where/when lifting is heavy loads, do not overload waste by hand, dispose of green waste at designated area	3	6	18	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8,14 , Ergonomic regulations
Cutting the grass using grass cutter machine	Noise	Hearing Discomfort	Health	Noise Induced Hearing Loss	Supervision, risk assessment, medical surveillance, regular breaks, rotation of workers, Use of correct hearing protection, safe work procedures.	3	6	18	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13 General Safety Regulation 2(3), Noise Induced Hearing Loss Regulations 5(1) and 7(1), Hearing Conservation procedure 32-223
	Fumes	Respiratory discomfort / complications.	Health	Lung irritations	Supervision, risk assessment, medical surveillance, regular breaks, rotation of workers, Use of correct respiratory PPE, safe work procedures.	3	6	18	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13 General Safety Regulation 2(3), Construction regulation 9
	Dust	Dust inhalation	Health	Adverse effects on lungs, silicosis, chronic bronchitis	Supervision, Training, PPE, risk assessment, medical surveillance, regular breaks, dust suppression, safe work procedure.	3	6	18	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13 General Safety Regulation 2(3), Construction regulation 9
	Equipment failure	Injury, retro burns	Safety	Ind degree burn, fatality	Supervision, Training, PPE, risk assessment, Inspection of equipment before use, safe work procedures.	4	C	12	Mostly effective	Site Supervisor	Driven Machinery Regulation 18, General Machinery Regulation, Construction, Operation 6, General Safety Regulations 2(d)
	Pinch and nip points	Hand and arm injuries, Foot, ankle and leg injuries.	Safety	Injury, Bruise and sprains	Training, PPE, risk assessment, safe work procedures	3	6	18	Mostly effective	Managers, and Senior Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13 General Safety Regulation 2(3), Construction regulation 9
	Unlicensed machine operator	Property and or machine / equipment damage, Serious injuries, to employees	Safety	Property and or machine / equipment damage, Serious injuries, to employees, fatality	Operator to be trained on the correct type of locational equipment. Supervisor, safe work procedures to be in place. Training Observations. Pre task planning. D&C/ Toolboxtalks. Inspection checklists. Risk assessment discussion with all team members, medical surveillance	4	C	12	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8(2e) Driven Machinery Regulation 18(11), Construction Regulations 15(1)
	Loose Debris ejecting from mower	Trips and falls	Safety	Injury	Supervision, Training, PPE, risk assessment, medical surveillance, housekeeping inspection, safe work procedures.	3	6	18	Mostly effective	Site Supervisor	Construction Regulation 13,27, General safety regulations
Use brush blower	Flying Particles	Eye injuries.	Safety	Injury	Train users on hazards and correct handling of compressed air, PPE, Warning signs, risk assessment, safe work procedures.	3	C	15	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Noise Induced Hearing Loss Regulations 5, General Safety Regulation 2 (2),(3f)
	Inhalation of dust	Lung irritation	Health	Adverse effects on lungs	Train users on hazards and correct handling of compressed air, PPE, Warning signs, Medical surveillance, risk assessments, safe work procedures	3	C	9	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13 General Safety Regulation 2(3), Construction regulation 9
	Noise	Ear damage	Health	Noise induced hearing loss	Train users on hazards and correct handling of compressed air, PPE, Warning signs, Use machines on the correct level of equipment, Medical surveillance, risk assessment, safe work procedures	3	C	9	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 13, Noise Induced Hearing Loss Regulations 5(1) and 7(1), Hearing Conservation procedure 32-223
Brush cutters(petrol) / Brush shearing and cutting using branches.	Falling objects	Objects falling on staff, other equipment	Safety	Injury fatality	Proper PPE, Keep working area underneath operator safe. Vis-ad, Supervision, Proper training, authorisation for operator, medical surveillance, risk assessment, safe work procedures.	3	C	15	Mostly effective	Site Supervisor	Construction Regulation 5, Working at Heights 32-318
	Close proximity with live apparatus	Burn wounds , Electrocution	Safety	Injury fatality	Proper PPE Supervision, Proper training, authorisation for operator, medical surveillance, risk assessment, safe work procedures, medical surveillance, risk assessment, safe work procedures	5	C	9	Mostly effective	Site Supervisor	Electrical Machinery Regulation 6, OHHAS
	Noise	Hearing Discomfort	Health	Noise Induced Hearing Loss	PPE(Ear plugs/muffs), risk assessment, medical surveillance, regular breaks, Noise Damage, safe work procedures.	3	C	15	Mostly effective	Site Supervisor	Noise Induced Hearing Loss Regulations 5(1) and 7(1), General Safety Regulation 2
	Vibration	Limbs, extremity affected, damaged blood vessels, and nerves in fingers	Health	Hand -arm Vibration Syndrome(HAVS)	PPE, risk assessment, medical surveillance, regular breaks, Occupational Hygiene Survays, safe work procedures	2	C	10	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, Ergonomics, regulations 3 and 6, General Safety Regulation 2
Cleaning in close proximity to live electrical apparatus	Contact with electricity	Electrocutions	Safety	Fatalities, injuries, Property damage	Safety Induction , Risk assessment, Safe work procedure, Toolbox talk	5	C	15	Mostly effective	Site Supervisor	Operating Regulation for High Voltage Systems 240-11697529
MEWP(Cherry Pickers, lifting people working on powerlines	Unauthorised personnel operating lifting equipment	Property/lifting equipment damage, Serious injuries to employees	Safety	Property/lifting equipment damage, Serious injuries to employees	Training/authorisation, Correct lifting equipment, Supervision, Critical Task Training, Observations, Pre-job brief, SHE talks, Inspection checklists, risk assessment, Training for operating, safe work procedures	4	C	12	Mostly effective	Site Supervisor	Driven Machinery Regulation 18(11), QSD Critical Task Procedure
	Working at heights	Falling from heights	Safety	Serious Injury fatality	Use of approved FAS systems, Training/planning at height(QSD29999), Risk assessment, Inspection checklists, Supervision, Medical surveillance, Trained Full protection trained(QSD29994), safe work procedures.	4	C	12	Mostly effective	Site Supervisor	Construction Regulation 15, Working at Heights 32-318

Site operations - Performing work in fall risk positions													
Handling, Climbing and working on ladders	Working in fall risk position	Falls from ladder		Safety	Lost time injury	Use of approved FAS systems, Training/assessing at height(ISO23269/8), Rescue(ISO23269/2) and first aid rated (C), risk assessment, Supervision, Medical surveillance, Trained Fall protection planned(ISO23269/4), safe work procedures.	4	C	8	Mostly effective	Managers and Senior Supervisor	Construction Regulation 9 (Fall Protection Plan) Working at Height Procedure 32-018.
	Ladder not in good condition/ incorrect ladder for task	Falls from ladder		Health	Lost time injury	Ladder Inspection, Lock-out of defective ladders, protect/ planning to make sure correct ladder for task in used, risk assessment, safe work procedures.	4	C	8	Mostly effective	Managers and Senior Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)[Chpt 1(xiii), General safety regulation 2, Pre task planning standard SSO 0001/08078
Use of scaffolds	Improper erected scaffold	Falling		Safety	Serious injury and Fatality	Use of approved FAS systems, Training/assisting at height(ISO23269/8), Rescue(ISO23269/2) and first aid rated (C), risk assessment, Supervision, Medical surveillance, Trained Fall protection planned(ISO23269/4), safe work procedures.	4	C	8	Mostly effective	Site Supervisor and Employees	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)[Chpt 1(xiii), General safety regulation 2, Pre task planning standard SSO 0001/08078
Hazardous Chemicals Substances	Incorrect use, handling, of Hazardous Chemicles	Chemical burns, skin irritations		Safety	Injuries	Awareness training, Safety Data Sheet, risk assessment, PPE, Safe work procedures	3	B	6	Mostly effective	Site Supervisor	Regulation for Hazardous chemical agents 4.2 10(2),11.1(d)
	Incorrect use, handling, of Hazardous Chemicles	Inhalation of hazardous chemicals		Health	Long-damage	PPE(Respiratory/mask), Awareness training, Safety Data Sheet, risk assessment, Safe work procedures.	2	B	4	Mostly effective	Site Supervisor	Regulation for Hazardous chemical agents 4 10(2),11.1(d)
Site Operations - Replacing Hygiene Equipment													
Material Handling / Manual handling	Improper lifting technique	Intervertebral Sprains and strains, Pinch and nip points		Safety	Serious injury, hand injuries	Risk assessments, Training, Supervision, Safe work procedure for Manual handling	3	C	6	Mostly effective	Site Supervisor	OHS Act 85 of 1993, Ergonomics Regulation 3 and 5, Management of Ergonomic Hazard Exposure in the workplace 34,370
Site Operations - Waste Management													
Storage of Waste	Litter, general construction and maintenance waste	Ground-, air-, water pollution - environmental risk, Disposing waste illegal		Health	Occupational diseases	Waste management training, Safe working procedures, applicable PPE, medical surveillance, awareness, Waste disposal certificate	2	B	4	Mostly effective	Managers and Senior Supervisor	National Environmental Management: Waste Act 59 of 2008
	Hazardous waste	Ground-, air-, water pollution - environmental legal consequences		Health	Occupational diseases	Waste management training, Safe working procedures, applicable PPE, medical surveillance, awareness, SDS, Comply with NEMA	2	B	4	Mostly effective	Managers and Senior Supervisor	National Environmental Management: Waste Act 59 of 2008, Regulations for hazardous chemical agents10
	Oil contaminated soil and materials	Ground-, air-, water pollution - environmental risk		Health	Occupational diseases and Skin contamination	Waste management training, Safe working procedures, applicable PPE, medical surveillance, provide oil spillage kit.	2	B	4	Mostly effective	Managers and Senior Supervisor	National Environmental Management: Waste Act 59 of 2008, Regulations for hazardous chemical agents10
	Herbicides and contaminated containers	Ground-, air-, water pollution - environmental risk		Health	Occupational diseases	Waste management training, Safe working procedures, applicable PPE, medical surveillance, awareness, Training, use of environmental friendly herbicides, Pest Control Operator License	2	B	4	Mostly effective	Managers and Senior Supervisor	National Environmental Management: Waste Act 59 of 2008, Regulations for hazardous chemical agents10
Waste Removal	Manual handling of waste bags and bins	Back injuries, strains, sprains		Safety	Back injuries, strains, sprains	Use correct lifting techniques, team lifting, mechanical aids, training on ergonomics	3	B	6	Mostly effective	Managers and Senior Supervisor	National Environmental Management: Waste Act 59 of 2008, Regulations for hazardous chemical agents10
	Sharp objects and broken glass	Cuts, puncture wounds, infection		Safety	Hands, finger injuries	Often out-consistent gloves, inspect waste before handling, use designated sharps containers	2	B	4	Mostly effective	Senior Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)[Chpt 1(xiii), General safety regulation 2, Pre task planning standard SSO 0001/08078
	Biological contamination	Exposure to bacteria, viruses, infections		Health	Diseases/ea, skin irritation	Wear gloves, wash hands regularly, use appropriate PPE	2	B	4	Mostly effective	Supervisor	National Environmental Management: Waste Act 59 of 2008, Regulations for hazardous chemical agents10
	Exposure to offensive odours	Nausea, discomfort		Health	Nausea, discomfort	Prompt removal of waste, sealed containers, adequate ventilation	2	B	4	Mostly effective	Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)[Chpt 1(xiii), General safety regulation 2, Pre task planning standard SSO 0001/08078
	Dust generation during waste handling	Respiratory irritation, reduced visibility		Health	Respiratory irritation, reduced visibility	Wet down dusty materials, wear dust masks/respirators, avoid handling during windy conditions	3	B	6	Mostly effective	Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)[Chpt 1(xiii), General safety regulation 2, Pre task planning standard SSO 0001/08078
	Slips, trips and falls	Sprains, fractures, head injuries		Safety	Injuries	Maintain good housekeeping, clean spills immediately, keep walkways clear,Wear appropriate safety shoes.	3	B	6	Mostly effective	Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)[Chpt 1(xiii), General safety regulation 2, Pre task planning standard SSO 0001/08078
Vegetation Management													
Vegetation Management (Chemical cutting) Bush clearing (Manual Application Weeds, Pest Management & Tree felling)	Incorrect use of Chainsaw/Brush cutters, Fatigue due to friction caused by cutting equipments, Cutting (Hydrobrobed) sprayes, eg Vines	Cuts, Exposure to noice during operation, Exposure and Inhalation, circulation of petrol vapours during refueling and use of the machine, Burning of Vegetation Environmental) Contravention		Safety	Hand and back injuries/strains, Hearing loss (temporary or permanent), lung damage, Fines and legal actions/liabilities	Equipment and PPE inspections before use, per task risk assessment, Training on the correct operation of equipment, Equipment usage, Verify that chain saw operators have protected bone injuries identification training, Fire fighting equipments availability on site. Ear protection, Chainsaw equipment re-enrollment(ITBN)standards, safe work procedure	3	C	6	Mostly effective	Site Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 14, General Safety Regulation 2(3), Construction regulation 9
	Exposure to herbicide and emissions	Respiratory irritation, drowsiness, Skin & Eye irritation		Health	Skin rashes, vomiting, sneezing, drowsiness and headache.	Only a Pest Control Operator license holder is Authorised for the application of the Herbicide. Per task risk assessment, Herbicides training Use of correct PPE as per per task, safe work procedure	3	C	6	Mostly effective	Site Supervisor, Employers	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Section 8, 14, General Safety Regulation 2(3), Construction regulation 9, Regulation for hazardous chemical agents 3.4, (1) and 11
Window Cleaning at Heights													
Window cleaning at Heights	Wet surfaces	Slips trips and falls		Safety	Injuries	Work at height procedure 32-018, Risk assessment/Fall protection plan. Training,safe work procedure,company procedures	3	C	8	Fully effective	Managers,Site supervisor, Employers	Occupational Health And Safety Act, (Act No. 85 of 1993) Work at height procedure 32-018
	Ladder failure	Falling from heights.		Safety	Injuries	Check supervisor,Work at height procedure 32-018,Pretask planning, Risk assessment/Fall protection plan. Training,safe work procedure,company procedures,ladder inspections,ladders must always be secured.	3	C	6	Fully effective	Managers,Site supervisor, Employers	Occupational Health And Safety Act, (Act No. 85 of 1993) Work at height procedure 32-018,Construction regulation 10
	Falls from height	Injuries, fatality		Safety	Injuries and fatality	Check supervisor, Work at height procedure 32-018,pretask planning, Risk assessment/Fall protection plan. Training,safe work procedure,company procedures,ladder inspections,ladders must always be secured,PPE	3	B	6	Fully effective	Managers,Site supervisor,	Occupational Health And Safety Act, (Act No. 85 of 1993) Work at height procedure 32-018,Construction regulation 10
	Adverse/severe weather conditions	Struck by lightning,sun burn strong wind		Safety	Injuries,fatality	Stop the activity immediately, Review risk assessment and resume once the safe level of height increase is met 32-018, Risk assessment/Fall protection plan. Training,safe work procedure,company procedures,ladder inspections,ladders must always be secured, stand the speed of wind	3	B	6	Fully effective	Managers,Site supervisor,	Occupational Health And Safety Act, (Act No. 85 of 1993) Work at height procedure 32-018,Construction regulation 10
	Working persons below	Injuries		Safety	Injuries	Work at height procedure 32-018, Risk assessment/Fall protection plan. Training,safe work procedure,company procedures,ladder inspections,ladders must always be secured.	3	B	6	Fully effective	Managers,Site supervisor,	Occupational Health And Safety Act, (Act No. 85 of 1993) Work at height procedure 32-018,Construction regulation 10
	Exposure to chemicals	Eye injury, Inhalation of hazards		Health	eye injury and lung infection	Work at height procedure 32-018, Risk assessment/Fall protection plan. Training,safe work procedure,company procedures,ladder inspections,ladders must always be secured.	3	B	6	Fully effective	Managers,Site supervisor,	Occupational Health And Safety Act, (Act No. 85 of 1993) Work at height procedure 32-018,Construction regulation 10
	Use of cherry picker	Fall from height		Safety	Injuries and fatality	Work at height procedure 32-018, Risk assessment/Fall protection plan. Training,safe work procedure,company procedures, loadlanding certificate	3	B	6	Mostly effective	Managers,Site supervisor,	Occupational Health And Safety Act, (Act No. 85 of 1993) Work at height procedure 32-018,Construction regulation 10