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65						13.2	Excessive Noise Levels from Grinding, Use of compressed air	Safety	No Occupational Health Risk assessment, Appropriate PPE not provided, No training, Poor Supervision	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Occupational disease/loss of hearing	OH&S Specifications, Health regulations,	4	D	I	Mostly ineffective	Health Risk assessment, PPE, Training programme, Medical Surveillance Programme, Signage, Communication, Risk through	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
66						13.3	No Sub Standard Noise surveys	Safety	No Occupational Health programme, Unavailability of measuring Equipment, Lack of knowledge, Lack of competent person	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Occupational disease/loss of hearing	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	Occupational Hygiene Programme, Health Risk Assessment, Supervision, Calibrated and certified equipment, Qualified Occupational Hygiene personnel	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
67																														
68	Substance abuse	R	14	Substance abuse	14.1	Intoxicated employees at the workplace	Health	Ineffective access control, Sub standard medical surveillance programme, Substance test equipment not available,	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	RA and SWP, Induction, Supervision, Medical facility and test equipment available on site, Trained medical staff, 40 hrs breathalysing tests	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
69						14.2	Ineffective substance testing and equipment	Health	Untrained medical/scientific staff, Substance test equipment not available, Faulty testing equipment	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	SWP & RA, Induction, Supervision, Medical facilities, Test equipment available, calibrated and certified, Trained medical/scientific staff, Communication and awareness	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
70						14.3	Intoxicated Operator using Machinery/Plant	Health	Poor supervision, Risk taken, Behaviour, Ineffective substance abuse testing	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	RA & SWP, Induction, Supervision, Medical facilities, Test equipment available, Trained medical staff, Communication and awareness, Ad hoc breathalysing tests	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
71																														
72	Ineffective Training	R	15	Ineffective Training	15.1	Unskilled/untrained workforce	Safety	Lack of knowledge or skills, Insufficient training material, Inadequate training needs analysis, Language barrier, Incomplete training/assessment	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	Training Matrix, Registered training facility, Qualified trainers,	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
73																														
74	Hot work, Welding, Grinding and Gas Cutting	R	16	Hot work, Welding, Grinding and Gas Cutting	16.1	Explosion	Safety	Poor supervision, No training, No assessment inspection, No hot work permit, Lack of gas monitoring	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	RA & SWP, Supervision, Training Programmes, Emergency preparedness plan, Hot work permit, Gas monitoring programme,	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
75						16.2	Fire	Safety	Poor housekeeping, Ineffective supervision, Ineffective	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	B	III	Mostly ineffective	RA & SWP, Supervision, Training Programmes, Emergency preparedness plan, Appropriate fire extinguishing equipment/systems	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
76						16.3	Inhalation of fumes/gases	Health	Overload of hot work permit requirements, No health risk assessment, Inappropriate PPE	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, HCS Regulations	4	C	II	Mostly ineffective	RA & SWP, Supervision, Training Programmes, Emergency preparedness plan, Inspections	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
77																														
78	Site traffic and pedestrian movement layout	R	17	Site traffic and pedestrian movement layout	17.1	Vehicle/Pedestrian Interaction	Safety	Failure to plan, demarcate and maintain traffic and pedestrian routes, Poor communication, Failure to enforce site traffic plan, Behaviour	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	RA & SWP, Signage, Maintenance programme, Designated pedestrian walkways, Warning systems installed in vehicle, Personal alarm devices for pedestrians	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
79						17.2	No demarcated areas for passenger pick-up/drop-off	Safety	Failure to plan, maintain and signpost pedestrian routes	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	B	II	Mostly ineffective	RA & SWP, Signage, Maintenance programme, Designated pick-up/drop-off areas, Warning systems installed in vehicles	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
80						17.3	Inadequate road signage	Safety	Poor planning, Poor maintenance	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	III	Mostly ineffective	Site traffic layout plan, Appropriate road signs, Maintenance programme	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
81						17.4	Speeding	Safety	Behaviour, Risk Takers, Poor pressure, No speed monitoring, No speed limit signs, No speed camera measures	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	SWP & RA, Traffic management plan, Speed monitoring, Traffic signage, Induction, Speed monitoring devices in vehicles	Audits, Inspection visible felt leadership, incident analysis	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
82																														
83	Ergonomics	R	18	Ergonomics	18.1	Incorrect workplace layout	Safety	Poor planning and design, Untrained employees	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	B	II	Mostly effective	Workplace layout design, Ergonomics Risk assessment, Training programme, Communication and awareness, Supervision	OH&S Act and Regulations, Eskom standards, SANS	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
84						18.2	Incorrect manual lifting techniques	Safety	Untrained personnel, Inadequate Supervision, Risk takers	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	RA & SWP, Training programme, Communication and awareness, Supervision	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
85						18.3	Limited workspace	Safety	Poor planning and design, Untrained personnel	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	Workplace layout design, Ergonomics Risk assessment, Training programme, Communication and awareness, Supervision	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
86						18.4	Incorrect body posture	Safety	Workstation to low, Tools not fit for task, Workstation and equipment layout designed, Poor work planning, Inadequate Supervision	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	B	III	Mostly effective	Workplace layout design, Ergonomics Risk assessment, Training programme, Communication and awareness, Supervision	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
87						18.5	Unergonomical designed makeshift tools/jigs	Safety	Incorrect specifications during procurement/Usability of inappropriate/corrupt tools, Risk taker, Behaviour, No Supervision	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	B	III	Mostly effective	RA & SWP/SWP, Training programme, Communication and awareness, Supervision, Effective Procurement process, Toolbox inspection and maintenance programme	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
88																														
89	Poor Housekeeping	R	19	Poor Housekeeping	19.1	Slips, trips and falls	Safety	Obstructed walkways, Poor station practices, Lack of storage facility, Poor planning, No demarcation, Inadequate signage, Poor Supervision	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	III	Mostly effective	Good Housekeeping Programme, Supervision, Communication and awareness	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
90						19.2	Obstructed emergency exits	Safety	Inadequate work planning, No demarcation, No signage, Poor Supervision	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	B	II	Mostly ineffective	Good Housekeeping Programme, Waste sorting at source, Communication and awareness	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
91						19.3	Unhygienic workspace condition	Health	Ineffective activities, Poor Supervision, Food waste not placed in dustbins, Eating facilities not clean, Student interaction	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	C	III	Mostly effective	Good Housekeeping Programme, Clear demarcation and signposting of emergency exits, Supervision, Communication and awareness	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
92						19.4	Fire	Safety	Accumulation of combustible material, Insecure storage of flammable liquids, Poor Supervision	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	B	II	Mostly ineffective	Good Housekeeping Programme, Clear demarcation and signposting of emergency exits, Supervision, Communication and awareness	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
93																														
94	Lack of Communication	R	20	Lack of Communication	20.1	Language barrier	Safety	Unclear/ambiguous instructions, Inadequate language and testing, Cultural values, No interpreters, Recruitment process	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	B	III	Mostly effective	Language barrier RA, Appointment of interpreters, Team Leaders/Supervisors understanding the preferred language	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
95						20.2	No/Faulty Signal devices/ Communication Systems	Safety	Power failure, No maintenance, Communication systems not available, Misuse and abuse, Theft	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	RA & SWP, Inspection and Maintenance programme, Emergency generators	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
96																														
97	Excessive work hours/ Shift Work	N	21	Excessive work hours/ Shift Work	21.1	Fatigue	Safety	Accelerated work program, Long distance travelling, Shift work	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	OH&S Act and Regulations, Basic Conditions of Employment Act	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
98						21.2	Aggression/ Assault	Safety	Stress, Peer pressure, Conflict with supervisors	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	B	III	Mostly effective	OH&S Act and Regulations, Basic Conditions of Employment Act	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
99						21.3	Lack of concentration	Safety	Mundane tasks, Fatigue, Routine activity	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	B	III	Mostly effective	OH&S Act and Regulations, Basic Conditions of Employment Act	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
100																														
101	Poor Illumination	R	22	Poor Illumination	22.1	Sliptrip and fall	Safety	No Construction light provided, No cap lamps, Poor vision, No Emergency lights	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	C	III	Mostly ineffective	CH&S Act and Regulations, SANS	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
102						22.2	Glare	Safety	Lights incorrectly installed	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	B	III	Mostly effective	CH&S Act and Regulations, SANS	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
103						22.3	Limited visibility	Safety	No cap lamp, No lights installed, Dust, Lights incorrectly installed, Only light fittings, poor safety	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	B	III	Mostly effective	CH&S Act and Regulations, SANS	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
104						22.4	Power failure	Safety	Substitute, Theft, No or inadequate maintenance, Power overloading, Sub standard electrical connections, Damage to existing services, No back up generators	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	B	III	Mostly effective	CH&S Act and Regulations, SANS	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
105																														
106	Compressed Air Systems	R	23	Compressed Air Systems	23.1	Vessel or pipe ruptures	Safety	Poor maintenance, Risk takers, Faulty materials/equipment, No inspection, Sub standard connections, Faulty/uncalibrated pressure gauges, Damaged malfunctioning safety valves	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	B	III	Mostly effective	CH&S Act and Regulations, SANS	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
107						23.2	Noise	Safety	Leaking pipe/connections, High pressure, Noise	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	3	B	III	Mostly effective	CH&S Act and Regulations, SANS	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
108						23.3	Houseplay	Safety	Untrained personnel, Ignorant Behaviour, Risk taker, No Supervision	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	2	B	IV	Fully effective	CH&S Act and Regulations, SANS	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
109						23.4	Unsecured pressure hoses	Safety	At Risk Behaviour, No Supervision, Whiplash slings not used or not provided, No Training	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	CH&S Act and Regulations, SANS	OH&S Act and Regulations, Eskom standards	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
110																														
111																														
112	Transporting/loading and offloading of material	R	24	Transporting/loading and offloading of material	24.1	Falling materials/equipment	Safety	No inspection and maintenance programme, Vehicle abuse, At Risk behaviour, Untrained staff	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	OH&S Act and Regulations, SANS/Road Traffic Act	OH&S Act and Regulations, SANS/Road Traffic Act	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA					
113						24.2	Unroadworthy vehicles	Safety	Peer pressure, At Risk Behaviour, No Supervision, Medical Press, No training programme, Not performing test-and, No and Pinch point	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Mostly ineffective	OH&S Act and Regulations, SANS/Road Traffic Act	OH&S Act and Regulations, SANS/Road Traffic Act	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
114						24.3	Unauthorised operators	Safety	Untrained personnel, No and Pinch Points, Not wearing appropriate PPE, Lifting excessive load, Not PPE Supervision	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	C	II	Fully effective	OH&S Act and Regulations, SANS/Road Traffic Act	OH&S Act and Regulations, SANS/Road Traffic Act	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
115						24.4	Manual handling	Safety	Inadequate inspection and Maintenance, Abuse of Equipment, Inferior parts & components	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	B	III	Mostly effective	OH&S Act and Regulations, SANS/Road Traffic Act	OH&S Act and Regulations, SANS/Road Traffic Act	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
116						24.5	Hydraulic/Mechanical failure	Safety	No Supervision, No rigging plan, Unauthorised operators, No training, No signage, No barricading, No communication, incorrect lifting method, Incorrect lifting equipment, No inspections or maintenance, Tampering with safety device, Overloading, Poor ground conditions, Adverse weather, Uncalibrated safety devices	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries	OH&S Specifications, General Safety Regulation,	4	B	III	Mostly effective	OH&S Act and Regulations, SANS/Road Traffic Act	OH&S Act and Regulations, SANS/Road Traffic Act	Project Manager	OH&S Act and Regulations and SANS	Dec-25	In progress	NA				
117						24.6	Failure of lifting equipment/Lifting devices	Safety	At Risk Behaviour, Peer pressure, No traffic signage, No speed limiting measures	Training and Awareness	Employee, Contractors, Visitors, Suppliers	Project Managers	Daily	Fatality, Disabling injuries																

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