Occupational Health and Safety Baseline risk assessment template

Business/Operating unit:	Floating Oil Drahomehang	Department:	Crane	Root Process Item (every 5 years):		Template identifier:	240.7000003
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Refer to Occupational Health and Safety Risk assessment procedure 03-001

Location(s)	Activity type (Routine/Non Routine)	Hazard	Hazard Identification	Event	Hazard Exposure	Risk type	Impact of the risk	Exposed population	Who is responsible for the risk?	Who else is exposed to the risk?	Who else is responsible for the risk?	Existing Controls	Consequence	Likelihood	Risk Rating	Additional Controls - Task Analysis Improving Existing Controls	Monitoring - Mechanism	Control Owner	Legal and Other Requirements	Target date	Control Status	Integrated Risk Management (IRM) reference number
List specific activities, tasks or jobs that take place in the area/s under review. Include non-routine, planned or emergency situations. Include past, present or future (which is the case)	Indicate if it is Routine (R) or Non Routine (NR) Routine activities are those that are a normal part of the business. Non routine activities are those that are not a normal part of the business	H	Anything with potential to cause, inflict or damage, or kill **NOTE:** Ensure that all causes have been identified	E	In what way/ how can you come into contact with the hazard?	Health or Safety	What causes the risk to come into effect?	Who is exposed to the hazard, i.e. employees, contractors, public, etc.	Who is responsible for making sure the hazard is controlled and managed? • Administrative • Engineering • Personal protective equipment (PPE)	Who else is exposed to the hazard, i.e. visitors, contractors, public, etc.	Who else is responsible for managing the risk?	Controls **Administrative** • Procedures, instructions, standard operating procedures, work instructions, permits **Engineering** • Guarding, ventilation, noise control, machinery safeguarding, lifting equipment, etc. **Personal protective equipment (PPE)** • Clothing, footwear, eyewear, etc. **NOTE:** Ensure that all causes have been identified	Consequence	Likelihood	Risk Rating **NOTE:** Refer to Risk Rating Matrix (Reference)	Controls • Administrative • Engineering • Personal protective equipment (PPE) • Monitoring • Training • Supervision • Maintenance • Housekeeping • Monitoring and measuring • Personal protective equipment (PPE) **NB:** Ensure that all causes have been identified	Monitoring - Mechanism	Control Owner	Legal and Other Requirements	Target date	Control Status	Integrated Risk Management (IRM) reference number
Crane Demolition	N	Y	Vehicle movement in/ passing in the road	I	Contractors vehicle entering/ passing/ exiting	Safety	Injuries/ damage to property/ passing bystanders/ employees/ contractors/ public/ self/ vehicle/ crane/ other	Contractor/ bystander	Supervisor/ Manager	Others, daily	Visibility	**Administrative controls** • Ensure that all vehicles are inspected and roadworthy prior to commencement of work • Use flagman to assist with movements and operations • Use traffic cones to demarcate work area **Personal protective equipment (PPE)** • Clothing, footwear, eyewear, etc.	4	4	16	Poor/ Ineffective	None	Manager/Supervisor	Ensure all vehicles are inspected and roadworthy Ensure flagman is used	N/A	Incomplete	N/A
		Y	Cross Underfoot terrain/ unsupportable	I	Crane stuck/ unsafe conditions	Safety	Injuries/ damage to property/ passing bystanders/ employees/ contractors/ public/ self/ vehicle/ crane/ other	Contractors	Supervisor/ Manager	Others, daily	Leaches/ Spores	**Administrative controls** • Ensure that all vehicles are inspected and roadworthy prior to commencement of work • Ensure that crane/ machinery/ equipment/ vehicle is not used in unsafe conditions • Use traffic cones to demarcate work area **Personal protective equipment (PPE)** • Clothing, footwear, eyewear, etc.	4	4	16	Poor/ Ineffective	None	Manager/Supervisor	Ensure all vehicles are inspected and roadworthy Ensure flagman is used	N/A	Incomplete	N/A
		Y	Sunken, loose and weak	I	Sinkholes/ of loose and weak ground	Safety	Injuries/ damage to property/ passing bystanders/ employees/ contractors/ public/ self/ vehicle/ crane/ other	Contractors	Supervisor/ Manager	Daily, TC	Weather Cycles	**Administrative controls** • Use flagman • Use traffic cones **Personal protective equipment (PPE)** • Clothing, footwear, eyewear, etc.	5	5	25	Poor/ Ineffective	None	Maintenance/ Leading Operations	Supervisor/ Manager	Ensure flagman is used Ensure that the ground is compacted and levelled before use	N/A	Incomplete	N/A
		Y	Other process	I	Hand tool breakages	Safety	Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles	Employees/ Contractors/ Visitors	Supervisor/ Manager	Daily	Leaches/ Spores	**Administrative controls** • Ensure that all tools are inspected and in good condition • Use tool belts • Use tool boxes **Personal protective equipment (PPE)** • Clothing, footwear, eyewear, etc.	4	4	16	Poor/ Ineffective	None	Maintenance/ Leading Operations	Supervisor/ Manager	Ensure that all tools are inspected and in good condition Ensure that tool belts and tool boxes are used	None	Incomplete	None
Creating a safe and healthy site/ other employee work	M	Y	Exposure to HIV/Aids 1/4	I	Contracting HIV/Aids 1/4	Health	Exposure/ infection to HIV/Aids 1/4 symptoms	Contractors/ Employees	Supervisor/ Manager	Others, daily	Leaches/ Spores	**Administrative controls** • Work in teams • Use tool boxes • Use tool belts • Use traffic cones/ barriers/ PPE, and/or barrier tape to demarcate work area • Ensure that equipment and tools are in good condition • Ensure that equipment and tools are used correctly **Personal protective equipment (PPE)** • Clothing, footwear, eyewear, etc.	4	4	16	Poor/ Ineffective	None	Maintenance/ Leading Operations	Supervisor/ Manager	Introduction of HIV/Aids 1/4 awareness Introduction of HIV/Aids 1/4 Voluntary Counselling and Testing (VCT) programme Ensure that the workers are provided with the correct PPE Ensure that the workers are trained on the correct use of PPE	N/A	Incomplete	N/A
Driving Vehicle/ Vehicles	M	Y	Ensure proper safe conditions with pedestrians	I	Poor and unsafe conditions with pedestrians, provoke road rage/ aggression, pot-holes, sinkholes	Safety	Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other	Contractors/ Employees	Management/ Supervisors	Others, daily	Visibility, Cycles, (Liquid/ Lifting/ Gases)	**Administrative controls** • Adversarial drivers • Assertiveness or safe driving behaviour	5	5	25	Poor/ Ineffective	None	Maintenance/ observations	Supervisor/ Manager	Introduction of HIV/Aids 1/4 awareness Introduction of HIV/Aids 1/4 Voluntary Counselling and Testing (VCT) programme Ensure that the workers are provided with the correct PPE Ensure that the workers are trained on the correct use of PPE	N/A	Incomplete	N/A
		Y	Poor operating of utilities	I	Poor/ unsafe operating of utilities	Safety	Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other Injuries/ damage to property/ self/ bystander/ employees/ contractors/ vehicles/ crane/ other	Contractors/ Employees	Management/ Supervisors	Others, daily	Visibility, Cycles, (Liquid/ Lifting/ Gases)	**Administrative controls** • Adversarial drivers • Assertiveness or safe driving behaviour	5	5	25	Poor/ Ineffective	None	Maintenance/ observations	Supervisor/ Manager	Introduction of HIV/Aids 1/4 awareness Introduction of HIV/Aids 1/4 Voluntary Counselling and Testing (VCT) programme Ensure that the workers are provided with the correct PPE Ensure that the workers are trained on the correct use of PPE	N/A	Incomplete	N/A